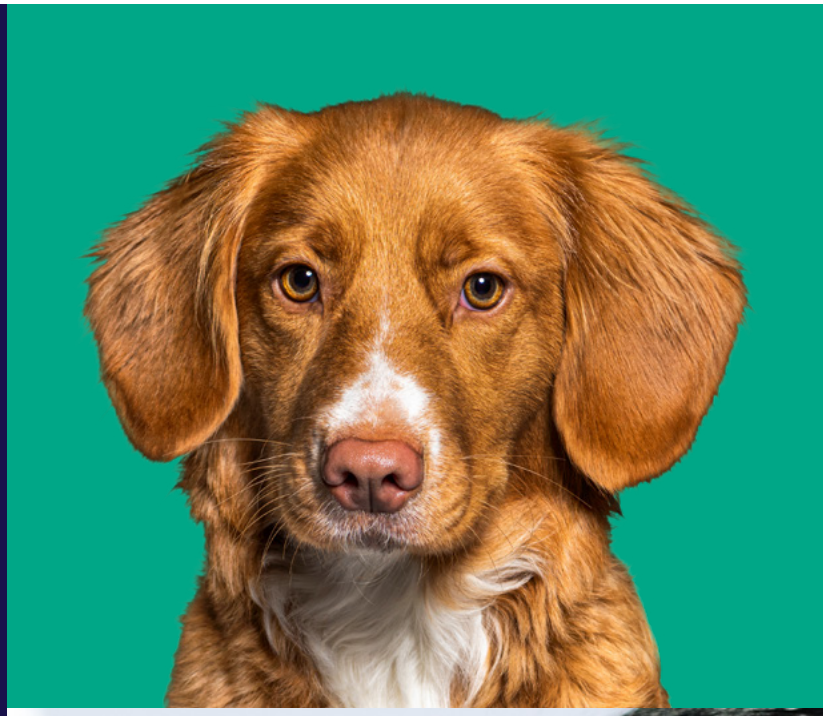
Antech

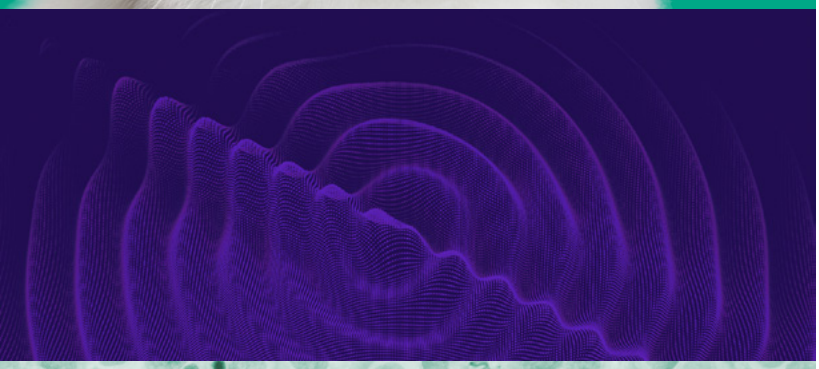
Smarter Diagnostics. Better Care.™

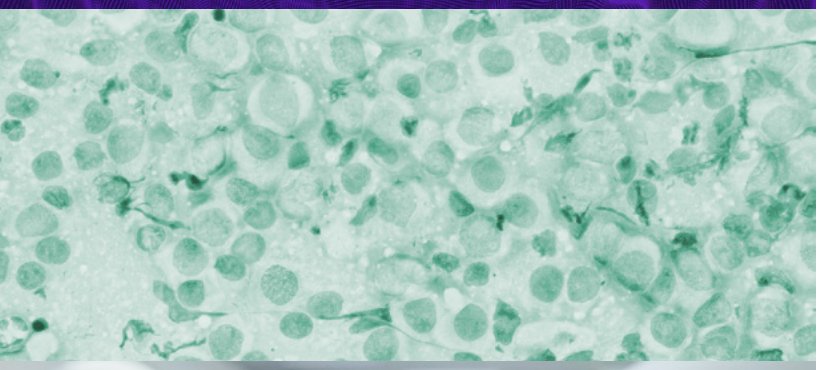


Directory of Services

2025 – United States

antechdiagnostics.com





Smarter Diagnostics. Better Care.™

As world-class leaders in veterinary diagnostics, technology, and imaging, we partner daily with thousands of veterinary professionals to support improved animal health outcomes. Our full diagnostics portfolio provides veterinary professionals with the tools they need to confidently make better care decisions every day.

We make it faster and easier to screen for, diagnose, and monitor disease and illness when our partners and their patients need it most. Our global team of experts has come together to combine science, technology, and service to shape a future of care where veterinary professionals are supported and empowered.

Because smarter diagnostic solutions lead to better care.

2025 Digital Directory: Good for You, Great for the Planet

Switching to a fully digital Directory of Services isn't just convenient, it's better for the planet too. By cutting down on printed materials, we're reducing paper waste and making a positive impact on the environment — helping to make a better, more beautiful world for pets and their owners. Together, we're conserving resources while keeping the information you need right at your fingertips.

Table of Contents

The dedicated ANTECH™ Customer Support Team is here to help at **800-872-1001**

Note: The tests and services listed in this directory have been organized in a manner determined to be either appropriate medically or for ease of use by veterinary practitioners in the estimation of our medical operations teams. Any headings or groupings of tests or services are for reference purposes only. While ANTECH™ uses commercially reasonable efforts to meet any published turnaround times, turnaround times are not guaranteed. Please contact the Customer Support Team at 800-872-1001 if you have any questions about the information in this directory.

Support Services

	M – F	SAT	SUN
Reference Labs Customer Support **800-872-1001, Dial 0**	5 a.m. – 9 p.m. PT 8 a.m. – Midnight ET	5 a.m. – 5 p.m. PT 8 a.m. – 8 p.m. ET	6 a.m. – 3 p.m. PT 9 a.m. – 6 p.m. ET
Dispatch / Specimen Pickup **800-872-1001, Dial 1**	AUTOMATED 24/7		
Consultation Services **800-872-1001, Dial 2**	5 a.m. – 5 p.m. PT 8 a.m. – 8 p.m. ET	9 a.m. – 6 p.m. PT 6 a.m. – 3 p.m. ET	CLOSED
Reference Labs and Imaging Services (Teleradiology / Legacy - AIS™) Billing **800-872-1001, Dial 3**	6 a.m. – 5 p.m. PT 9 a.m. – 8 p.m. ET	CLOSED	CLOSED
Equine Reference Labs Customer Support **800-872-1001, Dial 4**	5 a.m. – 9 p.m. PT 8 a.m. – Midnight ET	5 a.m. – 5 p.m. PT 8 a.m. – 8 p.m. ET	6 a.m. – 3 p.m. PT 9 a.m. – 6 p.m. ET
Imaging Services (Teleradiology / Legacy - AIS™) Support **800-872-1001, Dial 5 / support@antechimagingservices.com**	AVAILABLE 24/7		
Web Applications and PIMS Integration Support **800-872-1001, Dial 6 / healthtrackssupport@antechmail.com**	6 a.m. – 4 p.m. PT 9 a.m. – 7 p.m. ET	6 a.m. – Noon PT 9 a.m. – 3 p.m. ET	CLOSED
Imaging Equipment (Legacy - Sound™) Support **800-819-5538 / techsupport@soundvet.com**	5 a.m. – 5 p.m. PT 8 a.m. – 8 p.m. ET	CLOSED	CLOSED
	EMERGENCY SUPPORT 24/7 (LIMITS APPLY)		
Imaging Equipment (Legacy - Sound™) Billing **800-819-5538, Dial 3 - Warranty, Dial 4 - Accounts Receivable**	8 a.m. – 5 p.m. PT 11 a.m. – 8 p.m. ET	CLOSED	CLOSED
In-House Diagnostics (Legacy – Heska™) Sales Support and Order Management **800-464-3752, Dial 1 then 2 / orders@heska.com**	5 a.m. – 4 p.m. PT 8 a.m. – 7 p.m. ET	CLOSED	CLOSED
In-House Diagnostics (Legacy – Heska™) Billing **800-464-3752, Dial 2 / accountsreceivable@heska.com**	6 a.m. – 4 p.m. PT 9 a.m. – 7 p.m. ET	CLOSED	CLOSED
In-House Diagnostics (Legacy – Heska™) Technical Support **800-464-3752, Dial 3 / vetsupport@heska.com**	5 a.m. – 4 p.m. PT 8 a.m. – 7 p.m. ET	CLOSED	CLOSED
	AVAILABLE 24/7		
Allercept™ Allergy and Immunotherapy and TrūRapid™ Support **800-464-3752, Dial 5 / heskaallergy@heska.com**	5 a.m. – 4 p.m. PT 8 a.m. – 7 p.m. ET	CLOSED	CLOSED

Completion Codes — Submitting a Sample for Profile Completion

When submitting a profile, if one of the required samples is not available at the time of submission, the remaining sample can be submitted for completion within 30 days of the original profile at no additional charge.

Simply submit the remaining sample with a new Test Requisition Form (TRF) ordering one of the respective no-charge completion codes below. Please include the original profile's 12-character accession number on the TRF.

Completion codes will be billed as a new submission if they are:

1. Submitted after 30 days
2. Not in relation to a prior profile submission
3. Without reference to the original accession number

Completion Code Examples:

- T991NC — KeyScreen™ GI Parasite PCR Completion
- T805NC — Ova and Parasite Completion
- T808NC — Ova and Parasite with *Giardia* Completion
- UANC — Urinalysis Completion
- T415NC — PT/PTT Completion

Follow-up and Monitoring Tests

We offer reduced-charge testing for serial patient monitoring and rechecks. Within 30 days of the original submission, order one of the codes below and include the original profile's 12-character accession number on the Test Requisition Form.

Recheck Code Examples:

- RECHECK — Superchem with SDMA, CBC
- T330R — CBC Recheck
- M130R — Urine Culture Recheck
- M133R — Urinalysis and Urine Culture Recheck

Recheck codes will be billed as a new submission if they are:

1. Submitted after 30 days
2. Not in relation to a prior profile submission
3. Without reference to the original accession number

Add-on Testing

You can easily add testing to base profiles at a reduced charge. Add-ons must be ordered during the initial submission to receive discounted add-on pricing. After the original profile is submitted, additional tests will be charged the regular individual test fee.

Test Cancellation

Testing that has not started can be canceled at no charge by calling the Customer Support Team. Testing that is already in process cannot be canceled.

Histology Note: All samples received for histology will be processed and evaluated. Histology tests may be canceled only prior to sample processing, and all samples in the accession must be canceled.

See the full reference lab terms of service at **antechdiagnostics.com/terms-conditions.**

Supplies

There are multiple ways to order supplies:

- Online — HealthTracks™ (preferred): **healthtracks.com**
- Phone — **800-872-1001**

Supplies are typically delivered within 2-5 business days of ordering. Orders to Alaska and Hawaii may take longer.

Test Requisition Forms

ANTECH™ offers both electronic and paper Test Requisition Forms (TRFs). Electronic TRFs may be generated directly from your practice management system, or through HealthTracks™. Electronic TRFs are the most efficient and convenient way to order diagnostic testing. They have many benefits, including increased data and order integrity and the ability to archive requisitions. Paper TRFs can also be ordered online through HealthTracks™ at **healthtracks.com**.

Reference Lab Onboarding Resources

- Test Result Turnaround Times
- Maintaining Sample Integrity: Weather Considerations
- Quick Reference Guide on Post-Submission Testing
- Submitting Fecal Samples
- More: **antechdiagnostics.com/reference-lab/resources/onboarding-resources-us**

HealthTracks™

HealthTracks™ meets your diagnostic needs on a single, innovative platform. This one-stop digital center simplifies your practice's diagnostic workflow, ensuring you have the features you need to provide your patients with the best care. Discover how HealthTracks™ can elevate your diagnostic experience at **antechdiagnostics.com/healthtracks**.

Top Test Codes

Here you'll find our top 14 test codes — each selected based on utilization data, clinical relevance, and impact on patient outcomes. Use this list as a quick reference to guide your diagnostic decisions and optimize the services you provide.

Essential Panels

	Superchem SA010 PAGE 61	Vet Screen SA025 PAGE 61	Adult Wellness Chemistry SA665 PAGE 57	Pre-Op Screen SA040 PAGE 60
A/G Ratio	●	●	●	
Albumin	●	●	●	
Alkaline Phosphatase	●	●	●	
ALT (SGPT)	●	●	●	
Amylase	●			
AST (SGOT)	●	●		
BUN	●	●	●	
BUN/Creatinine Ratio	●	●	●	
Calcium	●	●		
Chloride	●	●	●	
Cholesterol	●	●		
Corrected Calcium	●	●		
CPK	●	●		
Creatinine	●	●	●	
GGT	●			
Globulin	●	●	●	
Glucose	●	●	●	
Magnesium	●			
NA/K Ratio	●	●	●	
Pancreatic Sensitive Lipase (PSL)	●			
Phosphorus	●	●		
Potassium	●	●	●	
SDMA	●	●	●	
Sodium	●	●	●	
Total Bilirubin	●	●		
Total Protein	●	●	●	
Triglycerides	●			

Preventive Care

CODE	TEST NAME | DESCRIPTION | COMPONENTS	SPECIMEN	TAT*
AC100 **Add-on Equivalent ADD111**	**Accuplex™** Heartworm, *Borrelia burgdorferi*, *Ehrlichia* spp. (including *E. canis*, *E. ewingii*, and *E. chaffeensis*) and *Anaplasma phagocytophilum*. Accuplex™ screens for canine vector-borne pathogens. It detects *Dirofilaria immitis* (heartworm) antigen, C6 antibodies produced following *Borrelia burgdorferi* infection (Lyme), antibodies to *Ehrlichia* spp. (including *E. canis*, *E. ewingii*, and *E. chaffeensis*) and to *Anaplasma phagocytophilum*. **Accuplex™ and all panels that include Accuplex™ are not intended to meet export testing requirements.**	0.5 mL serum in red top or serum separator tube.	1-2 days
KAC100	**Accuplex™ and KeyScreen™** Accuplex™ screens for canine vector-borne pathogens. It detects *Dirofilaria immitis* (heartworm) antigen, C6 antibodies produced following *Borrelia burgdorferi* infection (Lyme), antibodies to *Ehrlichia* spp. (including *E. canis*, *E. ewingii*, and *E. chaffeensis*) and *Anaplasma phagocytophilum*. Accuplex™ and all panels that include Accuplex™ are not intended to meet export testing requirements. KeyScreen™ GI Parasite PCR detects 20 individual parasites, and markers for potential Zoonotic *Giardia* (assemblages/strains A and B), and hookworm (*Ancylostoma caninum*) Benzimidazole (e.g., Fenbendazole, Febantel) resistance.	0.5 mL serum and 0.3 grams of feces. Serum in red top or serum separator tube, ANTECH™ provided fecal container.	1-3 days
KA535	**Adult Chem with Lytes, SDMA, CBC, Accuplex™, and KeyScreen™** Wellness chemistry with electrolytes, a Complete Blood Count (CBC), SDMA for glomerular filtration rate estimation (**T1035, page 61**), Accuplex™ for vector-borne disease screening (**AC100, page 8**), and KeyScreen™ for intestinal parasite detection (**T991, page 101**).	1.0 mL serum, 1.0 mL EDTA whole blood, and 0.3 grams of feces. Serum in red top or serum separator tube, lavender top, ANTECH™ provided fecal container.	1-3 days
AC535S	**Adult Chem with Lytes, SDMA, CBC, O&P, and Accuplex™** Wellness chemistry with electrolytes, SDMA for glomerular filtration rate estimation (**T1035, page 61**), a Complete Blood Count (CBC), Accuplex™ for vector-borne disease screening (**AC100, page 8**), and fecal analysis using zinc sulfate with centrifugation/flotation for Ova and Parasite (O&P) detection (**T805, page 81**).	1.0 mL serum, 1.0 mL EDTA whole blood, and 5.0 grams of feces. Serum in red top or serum separator tube, lavender top, ANTECH™ provided fecal container.	1-2 days

CODE	TEST NAME | DESCRIPTION | COMPONENTS	SPECIMEN	TAT*
KA583	**Adult Chem with Lytes, SDMA, CBC, Accuplex™, T4, and KeyScreen™** Wellness chemistry with electrolytes, SDMA for glomerular filtration rate estimation (**T1035, page 61**), a Complete Blood Count (CBC), Accuplex™ for vector-borne disease screening (**AC100, page 8**), Total T4, and KeyScreen™ for intestinal parasite detection (**T991, page 101**).	1.0 mL serum, 1.0 mL EDTA whole blood, and 0.3 grams of feces. Serum in red top or serum separator tube, lavender top, ANTECH™ provided fecal container.	1-3 days
KS519	**Adult Chem with Lytes, SDMA, CBC, Feline Heartworm, FIV, FeLV, and KeyScreen™** Wellness chemistry with electrolytes, SDMA for glomerular filtration rate estimation (**T1035, page 61**), a Complete Blood Count (CBC), FeLV antigen detection, FIV and heartworm antibody detection, and KeyScreen™ for intestinal parasite detection (**T991, page 101**).	1.25 mL serum, 1.0 mL EDTA whole blood, and 0.3 grams of feces. Serum in red top or serum separator tube, lavender top, ANTECH™ provided fecal container.	1-3 days
KS673	**Adult Chem with Lytes, SDMA, CBC, T4, UA, and KeyScreen™** A complete minimum database (Adult Wellness Chemistry with electrolytes, a Complete Blood Count (CBC), and Urinalysis (UA)), Total T4, KeyScreen™ for intestinal parasite detection (**T991, page 101**), and SDMA for glomerular filtration rate estimation (**T1035, page 61**).	0.5 mL serum, 1.0 mL EDTA whole blood, 6.0 mL urine, and 0.3 grams of feces. Serum in red top or serum separator tube, lavender top, urine transport tube, ANTECH™ provided fecal container.	1-3 days
KS575	**Adult Chem with Lytes, SDMA, CBC, FIV, FeLV, and KeyScreen™** Wellness chemistry with electrolytes, SDMA for glomerular filtration rate estimation (**T1035, page 61**), a Complete Blood Count (CBC), FeLV antigen detection, FIV antibody detection, and KeyScreen™ for intestinal parasite detection (**T991, page 101**).	1.0 mL serum, 1.0 mL EDTA whole blood, and 0.3 grams of feces. Serum in red top or serum separator tube, lavender top, ANTECH™ provided fecal container.	1-3 days
KS534	**Adult Chem with Lytes, SDMA, CBC, Heartworm Antigen, and KeyScreen™** Wellness chemistry with electrolytes, SDMA for glomerular filtration rate estimation (**T1035, page 61**), a Complete Blood Count (CBC), heartworm antigen detection, and KeyScreen™ for intestinal parasite detection (**T991, page 101**).	1.0 mL serum, 1.0 mL EDTA whole blood, and 0.3 grams of feces. Serum in red top or serum separator tube, lavender top, ANTECH™ provided fecal container.	1-3 days

CODE	TEST NAME | DESCRIPTION | COMPONENTS	SPECIMEN	TAT*
KS535	**Adult Chem with Lytes, SDMA, CBC, and KeyScreen™** Wellness chemistry with electrolytes, SDMA for glomerular filtration rate estimation (**T1035, page 61**), a Complete Blood Count (CBC), and KeyScreen™ for intestinal parasite detection (**T991, page 101**).	0.5 mL serum, 1.0 mL EDTA whole blood, and 0.3 grams of feces. Serum in red top or serum separator tube, lavender top, ANTECH™ provided fecal container.	1-3 days
KS591	**Adult Chem with Lytes, SDMA, CBC, T4, Feline Heartworm, FIV, FeLV, and KeyScreen™** Wellness chemistry with electrolytes, SDMA for glomerular filtration rate estimation (**T1035, page 61**), a Complete Blood Count (CBC), Total T4, FeLV antigen detection, FIV and heartworm antibody detection, and KeyScreen™ for intestinal parasite detection (**T991, page 101**).	1.25 mL serum, 1.0 mL EDTA whole blood, and 0.3 grams of feces. Serum in red top or serum separator tube, lavender top, ANTECH™ provided fecal container.	1-3 days
KS597	**Adult Chem with Lytes, SDMA, CBC, T4, FIV, FeLV, and KeyScreen™** Wellness chemistry with electrolytes, SDMA for glomerular filtration rate estimation (**T1035, page 61**), a Complete Blood Count (CBC), Total T4, FeLV antigen detection, FIV antibody detection, and KeyScreen™ for intestinal parasite detection (**T991, page 101**).	1.0 mL serum, 1.0 mL EDTA whole blood, and 0.3 grams of feces. Serum in red top or serum separator tube, lavender top, ANTECH™ provided fecal container.	1-3 days
KS583	**Adult Chem with Lytes, SDMA, CBC, T4, and KeyScreen™** Wellness chemistry with electrolytes, SDMA for glomerular filtration rate estimation (**T1035, page 61**), a Complete Blood Count (CBC), Total T4, and KeyScreen™ for intestinal parasite detection (**T991, page 101**).	0.5 mL serum, 1.0 mL EDTA whole blood, and 0.3 grams of feces. Serum in red top or serum separator tube, lavender top, ANTECH™ provided fecal container.	1-3 days
KS619	**Adult Chem with Lytes, SDMA, CBC, T4, UA, FIV, FeLV, and KeyScreen™** A complete minimum database (Adult Wellness Chemistry with electrolytes, a Complete Blood Count (CBC), and Urinalysis (UA)), Total T4, FeLV antigen detection, FIV antibody detection, KeyScreen™ for intestinal parasite detection (**T991, page 101**), and SDMA for glomerular filtration rate estimation (**T1035, page 61**).	1.0 mL serum, 1.0 mL EDTA whole blood, 6.0 mL urine, 0.3 grams of feces. Serum in red top or serum separator tube, lavender top, urine transport tube, ANTECH™ provided fecal container.	1-3 days

CODE	TEST NAME | DESCRIPTION | COMPONENTS	SPECIMEN	TAT*
KA053	**Adult Chem with Lytes, SDMA, CBC, UA, Accuplex™, and KeyScreen™** A complete minimum database (Adult Wellness Chemistry with electrolytes, a Complete Blood Count (CBC), and Urinalysis (UA)), Accuplex™ for vector-borne disease screening (**AC100, page 8**), KeyScreen™ for intestinal parasite detection (**see T991, page 101**), and SDMA for glomerular filtration rate estimation (**T1035, page 61**).	1.0 mL serum, 1.0 mL EDTA whole blood, 6.0 mL urine, and 0.3 grams of feces. Serum in red top or serum separator tube, lavender top, urine transport tube, ANTECH™ provided fecal container.	1-3 days
KA673	**Adult Chem with Lytes, SDMA, CBC, UA, Accuplex™, T4, and KeyScreen™** A complete minimum database (Adult Wellness Chemistry with electrolytes, a Complete Blood Count (CBC), and Urinalysis (UA)), Total T4, Accuplex™ for vector-borne disease screening (**AC100, page 8**), KeyScreen™ for intestinal parasite detection (**T991, page 101**), and SDMA for glomerular filtration rate estimation (**T1035, page 61**).	1.0 mL serum, 1.0 mL EDTA whole blood, 6.0 mL urine, and 0.3 grams of feces. Serum in red top or serum separator tube, lavender top, urine transport tube, ANTECH™ provided fecal container.	1-3 days
KS634	**Adult Chem with Lytes, SDMA, CBC, UA, FIV, FeLV, and KeyScreen™** A complete minimum database (Adult Wellness Chemistry with electrolytes, a Complete Blood Count (CBC), and Urinalysis (UA)), FeLV antigen detection, FIV antibody detection, KeyScreen™ for intestinal parasite detection (**T991, page 101**), and SDMA for glomerular filtration rate estimation (**T1035, page 61**). **Interferences:** Marked hemolysis or lipemia may result in false positive results on the FeLV Antigen ELISA.	1.0 mL serum, 1.0 mL EDTA whole blood, 6.0 mL urine, and 0.3 grams of feces. Serum in red top or serum separator tube, lavender top, urine transport tube, ANTECH™ provided fecal container.	1-3 days
KS592	**Adult Chem with Lytes, SDMA, CBC, UA, Heartworm, and KeyScreen™** A complete minimum database (Adult Wellness Chemistry with electrolytes, a Complete Blood Count (CBC), and Urinalysis (UA)), heartworm antigen detection, KeyScreen™ for intestinal parasite detection (**T991, page 101**), and SDMA for glomerular filtration rate estimation (**T1035, page 61**). **Interferences:** Marked hemolysis and lipemia.	1.0 mL serum, 1.0 mL EDTA whole blood, 6.0 mL urine, and 0.3 grams of feces. Serum in red top or serum separator tube, lavender top, urine transport tube, ANTECH™ provided fecal container.	1-3 days
KS587	**Adult Chem with Lytes, SDMA, CBC, UA, Heartworm, T4, and KeyScreen™** A complete minimum database (Adult Wellness Chemistry with electrolytes, a Complete Blood Count (CBC), and Urinalysis (UA)), Total T4, heartworm antigen detection, KeyScreen™ for intestinal parasite detection (**T991, page 101**), and SDMA for glomerular filtration rate estimation (**T1035, page 61**). **Interferences:** T4 evaluation can be affected in a hemolyzed or moderately lipemic sample. Lipemia can falsely decrease T4 results. Lipemia can falsely elevate TSH results.	1.0 mL serum, 1.0 mL EDTA whole blood, 6.0 mL urine, and 0.3 grams of feces. Serum in red top or serum separator tube, lavender top, urine transport tube, ANTECH™ provided fecal container.	1-3 days

CODE	TEST NAME | DESCRIPTION | COMPONENTS	SPECIMEN	TAT*
KS053	**Adult Chem with Lytes, SDMA, CBC, UA, and KeyScreen™** A complete minimum database (Adult Wellness Chemistry with electrolytes, a Complete Blood Count (CBC), and Urinalysis (UA)), KeyScreen™ for intestinal parasite detection (**T991, page 101**), and SDMA for glomerular filtration rate estimation (**T1035, page 61**). **Interferences:** Marked hemolysis and lipemia.	0.5 mL serum, 1.0 mL EDTA whole blood, 6.0 mL urine, and 0.3 grams of feces. Serum in red top or serum separator tube, lavender top, urine transport tube, ANTECH™ provided fecal container.	1-3 days
KS623	**Adult Chem with Lytes, SDMA, CBC, UA, Feline Heartworm, FIV, FeLV, and KeyScreen™** A complete minimum database (Adult Wellness Chemistry with electrolytes, a Complete Blood Count (CBC), and Urinalysis (UA)), FeLV antigen detection, FIV and heartworm antibody detection, KeyScreen™ for intestinal parasite detection (**T991, page 101**), and SDMA for glomerular filtration rate estimation (**T1035, page 61**).	1.25 mL serum, 1.0 mL EDTA whole blood, 6.0 mL urine, and 0.3 grams of feces. Serum in red top or serum separator tube, lavender top, urine transport tube, ANTECH™ provided fecal container.	1-3 days
KS589	**Adult Chem with Lytes, SDMA, CBC, T4, UA, Feline Heartworm, FIV, FeLV, and KeyScreen™** A complete minimum database (Adult Wellness Chemistry with electrolytes, a Complete Blood Count (CBC), and Urinalysis (UA)), Total T4, FeLV antigen detection, FIV and heartworm antibody detection, KeyScreen™ for intestinal parasite detection (**see T991, page 101**), and SDMA for glomerular filtration rate estimation (**T1035, page 61**).	1.25 mL serum, 1.0 mL EDTA whole blood, 6.0 mL urine, 0.3 grams of feces. Serum in red top or serum separator tube, lavender top, urine transport tube, ANTECH™ provided fecal container.	1-3 days
KA600	**Adult Chem with SDMA, Accuplex™, and KeyScreen™** Wellness chemistry with a Complete Blood Count (CBC), Accuplex™ for canine vector-borne disease screening (**AC100, page 8**), KeyScreen™ for intestinal parasite detection (**T991, page 101**), and SDMA for glomerular filtration rate estimation (**T1035, page 61**). **Interferences:** Marked hemolysis and lipemia.	1.0 mL serum, 1.0 mL EDTA whole blood, and 0.3 grams of feces. Serum in red top or serum separator tube, lavender top, ANTECH™ provided fecal container.	1-3 days
AC600	**Adult Chem with SDMA, CBC, and Accuplex™** Wellness chemistry with a Complete Blood Count (CBC), Accuplex™ for canine vector-borne disease screening (**AC100, page 8**), and SDMA for glomerular filtration rate estimation (**T1035, page 61**). **Interferences:** Marked hemolysis and lipemia.	1.0 mL serum and 1.0 mL EDTA whole blood. Serum in red top or serum separator tube, lavender top.	1-2 days

CODE	TEST NAME | DESCRIPTION | COMPONENTS	SPECIMEN	TAT*
KA670	**Adult Chem with SDMA, CBC, Accuplex™, T4, and KeyScreen™** Wellness chemistry with a Complete Blood Count (CBC), Total T4, Accuplex™ for canine vector-borne disease screening (**AC100, page 8**), KeyScreen™ for intestinal parasite detection (**T991, page 101**), and SDMA for glomerular filtration rate estimation (**T1035, page 61**). **Interferences:** T4 evaluation can be affected in a hemolyzed or moderately lipemic sample. Lipemia can falsely decrease T4 results. Lipemia can falsely elevate TSH results.	1.0 mL serum, 1.0 mL EDTA whole blood, and 0.3 grams of feces. Serum in red top or serum separator tube, lavender top, ANTECH™ provided fecal container.	1-3 days
KS622	**Adult Chem with SDMA, CBC, Feline Heartworm, FIV, FeLV, and KeyScreen™** Wellness chemistry with a Complete Blood Count (CBC), FeLV antigen detection, FIV and heartworm antibody detection, KeyScreen™ for intestinal parasite detection (**T991, page 101**), and SDMA for glomerular filtration rate estimation (**T1035, page 61**). **Interferences:** Marked hemolysis or lipemia may result in false positive results on the FeLV Antigen ELISA.	1.25 mL serum, 1.0 mL EDTA whole blood, and 0.3 grams of feces. Serum in red top or serum separator tube, lavender top, ANTECH™ provided fecal container.	1-3 days
KS675	**Adult Chem with SDMA, CBC, FIV, FeLV, and KeyScreen™** Wellness chemistry with a Complete Blood Count (CBC), FeLV antigen detection, FIV antibody detection, KeyScreen™ for intestinal parasite detection (**T991, page 101**), and SDMA for glomerular filtration rate estimation (**T1035, page 61**). **Interferences:** Marked hemolysis or lipemia may result in false positive results on the FeLV Antigen ELISA.	1.0 mL serum, 1.0 mL EDTA whole blood, and 0.3 grams of feces. Serum in red top or serum separator tube, lavender top, ANTECH™ provided fecal container.	1-3 days
KS605	**Adult Chem with SDMA, CBC, Heartworm, and KeyScreen™** Wellness chemistry with a Complete Blood Count (CBC), heartworm antigen detection, KeyScreen™ for intestinal parasite detection (**T991, page 101**), and SDMA for glomerular filtration rate estimation (**T1035, page 61**). **Interferences:** Marked hemolysis and lipemia.	1.0 mL serum, 1.0 mL EDTA whole blood, and 0.3 grams of feces. Serum in red top or serum separator tube, lavender top, ANTECH™ provided fecal container.	1-3 days
KS685	**Adult Chem with SDMA, CBC, Heartworm, T4, and KeyScreen™** Wellness chemistry with a Complete Blood Count (CBC), Total T4, heartworm antigen detection, KeyScreen™ for intestinal parasite detection (**T991, page 101**), and SDMA for glomerular filtration rate estimation (**T1035, page 61**). **Interferences:** T4 evaluation can be affected in a hemolyzed or moderately lipemic sample. Lipemia can falsely decrease T4 results. Lipemia can falsely elevate TSH results.	1.0 mL serum, 1.0 mL EDTA whole blood, and 0.3 grams of feces. Serum in red top or serum separator tube, lavender top, ANTECH™ provided fecal container.	1-3 days

CODE	TEST NAME | DESCRIPTION | COMPONENTS	SPECIMEN	TAT*
KS600	**Adult Chem with SDMA, CBC, and KeyScreen™** Wellness chemistry with a Complete Blood Count (CBC), KeyScreen™ for intestinal parasite detection (**T991, page 101**), and SDMA for glomerular filtration rate estimation (**T1035, page 61**). **Interferences:** Marked hemolysis and lipemia.	0.5 mL serum, 1.0 mL EDTA whole blood, and 0.3 grams of feces. Serum in red top or serum separator tube, lavender top, ANTECH™ provided fecal container.	1-3 days
AC615	**Adult Chem with SDMA, CBC, O&P, and Accuplex™** Wellness chemistry with a Complete Blood Count (CBC), fecal analysis via zinc sulfate centrifugation/floatation for Ova and Parasite (O&P) detection (**T805, page 81**), Accuplex™ for canine vector disease borne screening (**AC100, page 8**), and SDMA for glomerular filtration rate estimation (**T1035, page 61**).	1.0 mL serum, 1.0 mL EDTA whole blood, and 5.0 grams of feces. Serum in red top or serum separator tube, lavender top, ANTECH™ provided fecal container.	1-2 days
AC655	**Adult Chem with SDMA, CBC, O&P, *Giardia*, and Accuplex™** Wellness chemistry with a Complete Blood Count (CBC), SDMA for glomerular filtration rate estimation (**T1035, page 61**), fecal analysis via zinc sulfate centrifugation/ flotation for Ova and Parasite (O&P) detection (**T805, page 81**) and *Giardia* antigen detection via ELISA. Accuplex™ can be reflexed for a nominal fee. **Interferences:** Marked hemolysis and lipemia. Fecal samples should be less than 24 hours old and submitted with minimum ground contact time.	1.0 mL serum, 1.0 mL EDTA whole blood, and 6 grams of feces. Serum in red top or serum separator tube, lavender top, ANTECH™ provided fecal container.	1-2 days
KS590	**Adult Chem with SDMA, CBC, T4, Feline Heartworm, FIV, FeLV, and KeyScreen™** Wellness chemistry with a Complete Blood Count (CBC), Total T4, FeLV antigen detection, FIV and heartworm antibody detection, KeyScreen™ for intestinal parasite detection (**T991, page 101**), and SDMA for glomerular filtration rate estimation (**T1035, page 61**). **Interferences:** Marked hemolysis or lipemia may result in false positive results on the FeLV Antigen ELISA.	1.25 mL serum, 1.0 mL EDTA whole blood, and 0.3 grams of feces. Serum in red top or serum separator tube, lavender top, ANTECH™ provided fecal container.	1-3 days
KS697	**Adult Chem with SDMA, CBC, T4, FIV, FeLV, and KeyScreen™** Wellness chemistry with a Complete Blood Count (CBC), Total T4, FeLV antigen detection, FIV antibody detection, KeyScreen™ for intestinal parasite detection (**T991, page 101**), and SDMA for glomerular filtration rate estimation (**T1035, page 61**). **Interferences:** Marked hemolysis or lipemia may result in false positive results on the FeLV Antigen ELISA.	1.0 mL serum, 1.0 mL EDTA whole blood, and 0.3 grams of feces. Serum in red top or serum separator tube, lavender top, ANTECH™ provided fecal container.	1-3 days

CODE	TEST NAME | DESCRIPTION | COMPONENTS	SPECIMEN	TAT*
KS588	**Adult Chem with SDMA, CBC, T4, UA, Feline Heartworm, FIV, FeLV, and KeyScreen™** A complete minimum database (Adult Wellness Chemistry with a Complete Blood Count (CBC) and Urinalysis (UA)), Total T4, FeLV antigen detection, FIV and heartworm antibody detection, KeyScreen™ for intestinal parasite detection (**T991, page 101**), and SDMA for glomerular filtration rate estimation (**T1035, page 61**). **Interferences:** Marked hemolysis or lipemia may result in false positive results on the FeLV Antigen ELISA.	1.25 mL serum, 1.0 mL EDTA whole blood, 6.0 mL urine, 0.3 grams of feces. Serum in red top or serum separator tube, lavender top, ANTECH™ provided fecal container.	1-3 days
KS621	**Adult Chem with SDMA, CBC, T4, UA, FIV, FeLV, and KeyScreen™** A complete minimum database (Adult Wellness Chemistry with a Complete Blood Count (CBC) and Urinalysis (UA)), Total T4, FeLV antigen detection, FIV antibody detection, KeyScreen™ for intestinal parasite detection (**T991, page 101**), and SDMA for glomerular filtration rate estimation (**T1035, page 61**). **Interferences:** Marked hemolysis or lipemia may result in false positive results on the FeLV Antigen ELISA.	1.0 mL serum, 1.0 mL EDTA whole blood, 6.0 mL urine, and 0.3 grams of feces. Serum in red top or serum separator tube, lavender top, urine transport tube, ANTECH™ provided fecal container.	1-3 days
KS672	**Adult Chem with SDMA, CBC, T4, UA, and KeyScreen™** A complete minimum database (Adult Wellness Chemistry with a Complete Blood Count (CBC) and Urinalysis (UA)), Total T4, KeyScreen™ for intestinal parasite detection (**T991, page 101**), and SDMA for glomerular filtration rate estimation (**T1035, page 61**). **Interferences:** T4 evaluation can be affected in a hemolyzed or moderately lipemic sample. Lipemia can falsely decrease T4 results. Lipemia can falsely elevate TSH results.	0.5 mL serum, 1.0 mL EDTA whole blood, 6.0 mL urine, and 0.3 grams of feces. Serum in red top or serum separator tube, lavender top, urine transport tube, ANTECH™ provided fecal container.	1-3 days
AC607	**Adult Chem with SDMA, CBC, UA, and Accuplex™** A complete minimum database (Adult Wellness Chemistry with a Complete Blood Count (CBC) and Urinalysis (UA)), Accuplex™ for canine vector-borne disease screening (**AC100, page 8**), and SDMA for glomerular filtration rate estimation (**T1035, page 61**). **Interferences:** Marked hemolysis and lipemia.	1.0 mL serum, 1.0 mL EDTA whole blood, 6.0 mL urine. Serum in red top or serum separator tube, lavender top, urine transport tube.	1-2 days
KA607	**Adult Chem with SDMA, CBC, UA, Accuplex™, and KeyScreen™** A complete minimum database (Adult Wellness Chemistry with a Complete Blood Count (CBC) and Urinalysis (UA)), Accuplex™ for canine vector-borne disease screening (**AC100, page 8**), KeyScreen™ for intestinal parasite detection (**T991, page 101**), and SDMA for glomerular filtration rate estimation (**T1035, page 61**). **Interferences:** Marked hemolysis and lipemia.	1.0 mL serum, 1.0 mL EDTA whole blood, 6.0 mL urine, and 0.3 grams of feces. Serum in red top or serum separator tube, lavender top, urine transport tube, ANTECH™ provided fecal container.	1-3 days

CODE	TEST NAME | DESCRIPTION | COMPONENTS	SPECIMEN	TAT*
KA672	**Adult Chem with SDMA, CBC, UA, Accuplex™, T4, and KeyScreen™** A complete minimum database (Adult Wellness Chemistry with a Complete Blood Count (CBC) and Urinalysis (UA)), Total T4, Accuplex™ for canine vector-borne disease screening (**AC100, page 8**), KeyScreen™ for intestinal parasite detection (**T991, page 101**), and SDMA for glomerular filtration rate estimation (**T1035, page 61**). **Interferences:** T4 evaluation can be affected in a hemolyzed or moderately lipemic sample. Lipemia can falsely decrease T4 results. Lipemia can falsely elevate TSH results.	1.0 mL serum, 1.0 mL EDTA whole blood, 6.0 mL urine, and 0.3 grams of feces. Serum in red top or serum separator tube, lavender top, urine transport tube, ANTECH™ provided fecal container.	1-3 days
KS624	**Adult Chem with SDMA, CBC, UA, Feline Heartworm, FIV, FeLV, and KeyScreen™** A complete minimum database (Adult Wellness Chemistry with a Complete Blood Count (CBC) and Urinalysis (UA)), FeLV antigen detection, FIV and heartworm antibody detection, KeyScreen™ for intestinal parasite detection (**T991, page 101**), and SDMA for glomerular filtration rate estimation (**T1035, page 61**). **Interferences:** Marked hemolysis or lipemia may result in false positive results on the FeLV Antigen ELISA.	1.25 mL serum, 1.0 mL EDTA whole blood, 6.0 mL urine, and 0.3 grams of feces. Serum in red top or serum separator tube, lavender top, ANTECH™ provided fecal container.	1-3 days
KS631	**Adult Chem with SDMA, CBC, UA, FIV, FeLV, and KeyScreen™** A complete minimum database (Adult Wellness Chemistry with a Complete Blood Count (CBC) and Urinalysis (UA)), FeLV antigen detection, FIV antibody detection, KeyScreen™ for intestinal parasite detection (**T991, page 101**), and SDMA for glomerular filtration rate estimation (**T1035, page 61**). **Interferences:** Marked hemolysis or lipemia may result in false positive results on the FeLV Antigen ELISA.	1.0 mL serum, 1.0 mL EDTA whole blood, 6.0 mL urine, and 0.3 grams of feces. Serum in red top or serum separator tube, lavender top, urine transport tube, ANTECH™ provided fecal container.	1-3 days
KS625	**Adult Chem with SDMA, CBC, UA, Heartworm, and KeyScreen™** A complete minimum database (Adult Wellness Chemistry with a Complete Blood Count (CBC) and Urinalysis (UA)), heartworm antigen detection, KeyScreen™ for intestinal parasite detection (**T991, page 101**), and SDMA for glomerular filtration rate estimation (**T1035, page 61**). **Interferences:** Marked hemolysis and lipemia.	1.0 mL serum, 1.0 mL EDTA whole blood, 6.0 mL urine, and 0.3 grams of feces. Serum in red top or serum separator tube, lavender top, urine transport tube, ANTECH™ provided fecal container.	1-3 days
KS687	**Adult Chem with SDMA, CBC, UA, Heartworm, T4, and KeyScreen™** A complete minimum database (Adult Wellness Chemistry with a Complete Blood Count (CBC) and Urinalysis (UA)), Total T4, heartworm antigen detection, KeyScreen™ for intestinal parasite detection (**T991, page 101**), and SDMA for glomerular filtration rate estimation (**T1035, page 61**). KS625 to which T4 has been added. **Interferences:** T4 evaluation can be affected in a hemolyzed or moderately lipemic sample. Lipemia can falsely decrease T4 results. Lipemia can falsely elevate TSH results.	1.0 mL serum, 1.0 mL EDTA whole blood, 6.0 mL urine, and 0.3 grams of feces. Serum in red top or serum separator tube, lavender top, urine transport tube, ANTECH™ provided fecal container.	1-3 days

CODE	TEST NAME | DESCRIPTION | COMPONENTS	SPECIMEN	TAT*
KS607	**Adult Chem with SDMA, CBC, UA, and KeyScreen™** A complete minimum database (Adult Wellness Chemistry with a Complete Blood Count (CBC) and Urinalysis (UA)), KeyScreen™ for intestinal parasite detection (**T991, page 101**), and SDMA for glomerular filtration rate estimation (**T1035, page 61**). **Interferences:** Marked hemolysis and lipemia.	0.5 mL serum, 1.0 mL EDTA whole blood, 6.0 mL urine, and 0.3 grams of feces. Serum in red top or serum separator tube, lavender top, urine transport tube, ANTECH™ provided fecal container.	1-3 days
AC652	**Adult Chem with SDMA, CBC, UA, UPC with Accuplex™** A complete minimum database (Adult Wellness Chemistry with a Complete Blood Count (CBC) and Urinalysis (UA)), Accuplex™ for canine vector-borne disease screening (**AC100, page 8**), SDMA for glomerular filtration rate estimation (**T1035, page 61**), and a urine protein to creatinine ratio (**T775, page 64**). **Interferences:** Marked hemolysis and lipemia.	1.0 mL EDTA whole blood, 1.0 mL serum, and 6.5 mL urine. Serum in red top or serum separator tube, lavender top, urine transport tube.	1-2 days
KS670	**Adult Chem with SDMA, T4, and KeyScreen™** Wellness chemistry with a Complete Blood Count (CBC), Total T4, KeyScreen™ for intestinal parasite detection (**T991, page 101**), and SDMA for glomerular filtration rate estimation (**T1035, page 61**). **Interferences:** T4 evaluation can be affected in a hemolyzed or moderately lipemic sample. Lipemia can falsely decrease T4 results. Lipemia can falsely elevate TSH results.	0.5 mL serum, 1.0 mL EDTA whole blood, and 0.3 grams of feces. Serum in red top or serum separator tube, lavender top, ANTECH™ provided fecal container.	1-3 days
AC664	**Adult Chem with SDMA, Vaccine Titers, Fecal Combo, and Accuplex™** Wellness chemistry with a Complete Blood Count (CBC), Accuplex™ for canine vector-borne disease screening (**AC100, page 8**), Distemper/Parvovirus Vaccinal Titer (**T565, page 113**), fecal analysis via zinc sulfate centrifugation/floatation and *Giardia* Ag ELISA for Ova and Parasite (O&P) detection (**T808, page 81**), and SDMA for glomerular filtration rate estimation (**T1035, page 61**). **Interferences:** Marked hemolysis or lipemia may result in false positive results on the FeLV Antigen ELISA.	1.0 mL EDTA whole blood, 1.0 mL serum, and 6.0 grams of feces. Serum in red top or serum separator tube, lavender top, ANTECH™ provided fecal container.	1-3 days
AC670	**Adult Wellness Chemistry with SDMA, CBC, T4, and Accuplex™** A comprehensive adult chemistry with a Complete Blood Count (CBC), Total T4, SDMA for glomerular filtration rate estimation (**T1035, page 61**), and Accuplex™ for canine vector-borne disease screening (**AC100, page 8**). **Interferences:** T4 evaluation can be affected in a hemolyzed or moderately lipemic sample. Lipemia can falsely decrease T4 results. Lipemia can falsely elevate TSH results.	1.0 mL serum and 1.0 mL EDTA whole blood. Serum in red top or serum separator tube, lavender top.	1-2 days

CODE	TEST NAME | DESCRIPTION | COMPONENTS	SPECIMEN	TAT*
AC608	**Adult Wellness Chemistry with SDMA, CBC, T4, UA, O&P, *Giardia*, and Accuplex™** A comprehensive minimum database (Adult Wellness Chemistry with a Complete Blood Count (CBC), and Urinalysis (UA)), Total T4, Accuplex™ for canine vector-borne disease screening (**AC100, page 8**), SDMA for glomerular filtration rate estimation (**T1035, page 61**), and fecal analysis via zinc sulfate centrifugation/flotation and *Giardia* Ag ELISA for Ova and Parasite (O&P) detection (**T808, page 81**). **Interferences:** T4 evaluation can be affected in a hemolyzed or moderately lipemic sample. Lipemia can falsely decrease T4 results. Lipemia can falsely elevate TSH results.	7 grams of feces, 1.0 mL EDTA whole blood, 1.0 mL serum, and 6.0 mL urine. Serum in red top or serum separator tube, lavender top, urine transport tube, ANTECH™ provided fecal container.	1-2 days
AC710	**Basic Wellness Screen with SDMA and Accuplex™** Superchem with SDMA, CBC, Total T4, Urinalysis, and Accuplex™. The most comprehensive chemistry with a Complete Blood Count (CBC), Total T4, Urinalysis (UA), Accuplex™, and SDMA for glomerular filtration rate estimation (**T1035, page 61**). **Interferences:** Gross hemolysis and lipemia. Lipemia can falsely decrease T4 results.	1.0 mL serum, 1.0 mL EDTA whole blood, and 6.0 mL urine. Serum in red top or serum separator tube, lavender top, urine transport tube.	1-2 days
AC651	**Canine Wellness Chem with SDMA, CBC, UA, Fecal O&P with Centrifugation, *Giardia*, and Accuplex™** A complete minimum database (wellness chemistry with a Complete Blood Count (CBC), and Urinalysis (UA)), Accuplex™ for canine vector-borne disease screening (**AC100, page 8**), SDMA for glomerular filtration rate estimation (**T1035, page 61**), and fecal analysis via zinc sulfate centrifugation/flotation and *Giardia* Ag ELISA for Ova and Parasite (O&P) detection (**T808, page 81**). **Interferences:** Marked hemolysis and lipemia. Fecal samples should be less than 24 hours old and submitted with minimum ground contact time.	1.0 mL serum, 1.0 mL EDTA whole blood, 6.0 mL urine, and 6 grams of feces. Serum in red top or serum separator tube, lavender top, urine transport tube, ANTECH™ provided fecal container.	1-2 days
AC770	**Superchem with SDMA, CBC, Total T4, UA, O&P, *Giardia*, and Accuplex™** The most comprehensive minimum database (Superchemistry with SDMA (**SA010, page 61**), a Complete Blood Count (CBC), and Urinalysis (UA)), Total T4, Accuplex™ for canine vector-borne disease screening (**AC100, page 8**), and fecal analysis via zinc sulfate centrifugation/flotation and *Giardia* Ag ELISA for Ova and Parasite (O&P) detection (**T808, page 81**). Accuplex™ can be reflexed for a nominal fee. **Interferences:** T4 evaluation can be affected in a hemolyzed or moderately lipemic sample. Lipemia can falsely decrease T4 results. Lipemia can falsely elevate TSH results.	1.0 mL serum, 1.0 mL EDTA whole blood, 6.0 mL urine, and 6.0 grams of feces. Serum in red top or serum separator tube, lavender top, urine transport tube, ANTECH™ provided fecal container.	1-2 days
AC712	**Superchem with SDMA, CBC, Total T4, UA, UPC, and Accuplex™** The most comprehensive minimum database (Superchemistry with SDMA (**SA010, page 61**), a Complete Blood Count (CBC), and Urinalysis (UA)), Total T4, urine protein to creatinine ratio (**T775, page 64**), and Accuplex™ for canine vector-borne disease screening (**AC100, page 8**). **Interferences:** T4 evaluation can be affected in a hemolyzed or moderately lipemic sample. Lipemia can falsely decrease T4 results. Lipemia can falsely elevate TSH results.	1.0 mL serum, 1.0 mL EDTA whole blood, and 6.0 mL urine. Serum in red top or serum separator tube, lavender top, urine transport tube.	1-2 days

CODE	TEST NAME | DESCRIPTION | COMPONENTS	SPECIMEN	TAT*
AC750	**Senior Profile 1 with SDMA, O&P, and Accuplex™** Superchem with SDMA, CBC, Total T4, Urinalysis, Fecal O&P with Centrifugation, and Accuplex™. The most comprehensive minimum database (Superchemistry with SDMA (**SA010, page 61**), a Complete Blood Count (CBC), and Urinalysis (UA)), Total T4, Accuplex™ for canine vector-borne disease screening, and fecal analysis using zinc sulfate centrifugation/flotation for Ova and Parasite (O&P) detection. **Interferences:** T4 evaluation can be affected in a hemolyzed or moderately lipemic sample. Lipemia can falsely decrease T4 results. Lipemia can falsely elevate TSH results.	1.0 mL serum, 1.0 mL EDTA whole blood, 6.0 mL urine, and 5.0 grams of feces. Serum in red top or serum separator tube, lavender top, urine transport tube, ANTECH™ provided fecal container.	1-2 days
AC705	**Senior Profile 1 with SDMA and Accuplex™** Superchem with SDMA, CBC, Total T4, Urinalysis, and Accuplex™. The most comprehensive minimum database (Superchemistry with SDMA (**SA010, page 61**), a Complete Blood Count (CBC), and Urinalysis (UA)), Total T4, and Accuplex™ (canine vector-borne disease screening for heartworm, Lyme disease (includes screening for antibodies against two C6 peptides), *E. canis* and *A. phagocytophilum*)). **Interferences:** T4 evaluation can be affected in a hemolyzed or moderately lipemic sample. Lipemia can falsely decrease T4 results. Lipemia can falsely elevate TSH results.	1.0 mL serum, 1.0 mL EDTA whole blood, and 6.0 mL urine. Serum in red top or serum separator tube, lavender top, urine transport tube.	1-2 days
KA705	**Senior Profile 1 with SDMA, Accuplex™, and KeyScreen™** Superchem with SDMA, CBC, T4, Urinalysis, Accuplex™, and KeyScreen™. The most comprehensive minimum database (Superchemistry with SDMA (**SA010, page 61**), a Complete Blood Count (CBC), and Urinalysis (UA)), Total T4, Accuplex™ for canine vector-borne disease screening (**AC100, page 8**), and KeyScreen™ for intestinal parasite detection (**T991, page 101**). **Interferences:** T4 evaluation can be affected in a hemolyzed or moderately lipemic sample. Lipemia can falsely decrease T4 results. Lipemia can falsely elevate TSH results.	1.0 mL serum, 1.0 mL EDTA whole blood, 6.0 mL urine, and 0.3 grams of feces. Serum in red top or serum separator tube, lavender top, urine transport tube, ANTECH™ provided fecal container.	1-3 days
KS722	**Senior Profile 1 with SDMA, Feline Heartworm, and KeyScreen™** Superchem with SDMA, CBC, Total T4, Urinalysis, Heartworm Antibody, and KeyScreen™. The most comprehensive minimum database (Superchemistry with SDMA (**SA010, page 61**), a Complete Blood Count (CBC), and Urinalysis (UA)), Total T4, heartworm antibody detection, and KeyScreen™ for intestinal parasite detection (**T991, page 101**). **Interferences:** Marked hemolysis and lipemia. Lipemia can falsely decrease T4 results.	1.0 mL serum, 1.0 mL EDTA whole blood, 6.0 mL urine, and 0.3 grams of feces. Serum in red top or serum separator tube, lavender top, urine transport tube, ANTECH™ provided fecal container.	1-3 days
KS710	**Senior Profile 1 with SDMA, Heartworm, and KeyScreen™** Superchem with SDMA, CBC, T4, Urinalysis, Heartworm Antigen, and KeyScreen™. The most comprehensive minimum database (Superchemistry with SDMA (**SA010, page 61**), a Complete Blood Count (CBC), and Urinalysis (UA)), Total T4, heart worm antigen detection, and KeyScreen™ for intestinal parasite detection (**T991, page 101**). **Interferences:** T4 evaluation can be affected in a hemolyzed or moderately lipemic sample. Lipemia can falsely decrease T4 results. Lipemia can falsely elevate TSH results.	1.0 mL serum, 1.0 mL EDTA whole blood, 6.0 mL urine, and 0.3 grams of feces. Serum in red top or serum separator tube, lavender top, urine transport tube, ANTECH™ provided fecal container.	1-3 days

CODE	TEST NAME | DESCRIPTION | COMPONENTS	SPECIMEN	TAT*
KS705	**Senior Profile 1 with SDMA and KeyScreen™** Superchem with SDMA, CBC, T4, Urinalysis, and KeyScreen™. The most comprehensive minimum database (Superchemistry with SDMA (**SA010, page 61**), a Complete Blood Count (CBC), and Urinalysis (UA)), Total T4, and KeyScreen™ for intestinal parasite detection (**T991, page 101**). **Interferences:** T4 evaluation can be affected in a hemolyzed or moderately lipemic sample. Lipemia can falsely decrease T4 results. Lipemia can falsely elevate TSH results.	0.5 mL serum, 1.0 mL EDTA whole blood, 6.0 mL urine, and 0.3 grams of feces. Serum in red top or serum separator tube, lavender top, urine transport tube, ANTECH™ provided fecal container.	1-3 days
AC720	**Senior Profile 2 with SDMA and Accuplex™** Superchem with SDMA, CBC, Total T4, Urinalysis, Free T4 by Equilibrium Dialysis, and Accuplex™. The most comprehensive minimum database (Superchemistry with SDMA (**SA010, page 61**), a Complete Blood Count (CBC), and Urinalysis (UA)), a thyroid panel (T4 and FT4 ED), and Accuplex™ (**AC100, page 8**) for canine vector-borne disease screening. **Interferences:** T4 evaluation can be affected in a hemolyzed or moderately lipemic sample. Lipemia can falsely decrease T4 results. Lipemia can falsely elevate TSH results.	1.5 mL serum, 1.0 mL EDTA whole blood, and 6.0 mL urine. Serum in red top or serum separator tube, lavender top, urine transport tube.	1-3 days
KA720	**Senior Profile 2 with SDMA, Accuplex™, and KeyScreen™** Superchem with SDMA, CBC, Total T4, Urinalysis, Free T4 by ED, Accuplex™, and KeyScreen™. The most comprehensive minimum database (Superchemistry with SDMA (**SA010, page 61**), a Complete Blood Count (CBC), and Urinalysis (UA)), a thyroid panel (T4 and FT4 ED), Accuplex™ for canine vector-borne disease screening (**AC100, page 8**), and KeyScreen™ for intestinal parasite detection (**T991, page 101**). **Interferences:** Marked hemolysis and lipemia. Lipemia can falsely decrease T4 results.	1.5 mL serum, 1.0 mL EDTA whole blood, 6.0 mL urine, and 0.3 grams of feces. Serum in red top or serum separator tube, lavender top, urine transport tube, ANTECH™ provided fecal container.	1-3 days
KS780	**Senior Profile 2 with SDMA, FeLV, FIV, and KeyScreen™** Superchem with SDMA, CBC, Total T4, Urinalysis, Free T4 by ED, FeLV, FIV, and KeyScreen™. The most comprehensive minimum database (Superchemistry with SDMA (**SA010, page 61**), a Complete Blood Count (CBC), and Urinalysis (UA)), a thyroid panel (T4 and FT4 ED), FeLV antigen and FIV antibody detection, and KeyScreen™ for intestinal parasite detection (**T991, page 101**). **Interferences:** Marked hemolysis or lipemia may result in false positive results on the FeLV Antigen ELISA.	1.5 mL serum, 1.0 mL EDTA whole blood, 6.0 mL urine, and 0.3 grams of feces. Serum in red top or serum separator tube, lavender top, urine transport tube, ANTECH™ provided fecal container.	1-3 days
KS720	**Senior Profile 2 with SDMA and KeyScreen™** Superchem with SDMA, CBC, Total T4, Urinalysis, Free T4 by ED, and KeyScreen™. The most comprehensive minimum database (Superchemistry with SDMA (**SA010, page 61**), a Complete Blood Count (CBC), and Urinalysis (UA)), a thyroid panel (T4 and FT4 ED), and KeyScreen™ for intestinal parasite detection (**T991, page 101**). **Interferences:** Marked hemolysis and lipemia. Lipemia can falsely decrease T4 results.	1.0 mL serum, 1.0 mL EDTA whole blood, 6.0 mL urine, and 0.3 grams of feces. Serum in red top or serum separator tube, lavender top, urine transport tube, ANTECH™ provided fecal container.	1-3 days

CODE	TEST NAME | DESCRIPTION | COMPONENTS	SPECIMEN	TAT*
AC775	**Senior Profile 2 with SDMA, O&P, *Giardia*, and Accuplex™** Superchem with SDMA, Complete Blood Count (CBC), T4, Urinalysis (UA), Free T4 by ED, Ova and Parasite (O&P) with Centrifugation, *Giardia*, and Accuplex™. The most comprehensive minimum database (Superchemistry with SDMA (**SA010, page 61**), a Complete Blood Count (CBC), and Urinalysis (UA)), a thyroid panel (T4 and FT4 ED), Accuplex™ (**AC100, page 8**) test for canine vector-borne disease screening, and fecal analysis using zinc sulfate centrifugation/flotation and *Giardia* Ag ELISA for Ova and Parasite (O&P) detection. **Interferences:** T4 evaluation can be affected in a hemolyzed or moderately lipemic sample. Lipemia can falsely decrease T4 results. Lipemia can falsely elevate TSH results.	1.5 mL serum, 1.0 mL EDTA whole blood, 6.0 mL urine, and 6 grams of feces. Serum in red top or serum separator tube, lavender top, urine transport tube, ANTECH™ provided fecal container.	1-3 days
AC727	**Senior Profile 1 with SDMA, Vaccine Titers, Fecal Combo, and Accuplex™** Superchem with SDMA, Complete Blood Count (CBC), T4, Urinalysis (UA), Distemper Parvo Vaccinal Titer, Ova and Parasite (O&P) with Centrifugation, *Giardia*, and Accuplex™. The most comprehensive minimum database (Superchemistry with SDMA (**SA010, page 61**), a Complete Blood Count (CBC), and Urinalysis (UA)), Total T4, Distemper/Parvovirus Vaccinal Titer (**T565, page 113**), Accuplex™ for canine vector-borne disease screening (**AC100, page 8**) and fecal analysis using zinc sulfate centrifugation/flotation and *Giardia* Ag ELISA (**T808, page 81**) for Ova and Parasite (O&P) detection. **Interferences:** T4 evaluation can be affected in a hemolyzed or moderately lipemic sample. Lipemia can falsely decrease T4 results. Lipemia can falsely elevate TSH results.	7 grams of feces, 1.0 mL EDTA whole blood, 1.0 mL serum, and 6.0 mL urine. Serum in red top or serum separator tube, lavender top, urine transport tube, ANTECH™ provided fecal container.	1-3 days
KA114	**Superchem with SDMA, CBC, Accuplex™, T4, and KeyScreen™** The most comprehensive chemistry profile (Superchemistry with SDMA (**SA010, page 61**)), a Complete Blood Count (CBC), Total T4, and KeyScreen™ for intestinal parasite detection (**T991, page 101**). **Interferences:** T4 evaluation can be affected in a hemolyzed or moderately lipemic sample. Lipemia can falsely decrease T4 results. Lipemia can falsely elevate TSH results.	1.0 mL serum, 1.0 mL EDTA whole blood, and 0.3 grams of feces. Serum in red top or serum separator tube, lavender top, ANTECH™ provided fecal container.	1-3 days
KA020	**Superchem with SDMA, CBC, Accuplex™, and KeyScreen™** The most comprehensive chemistry profile (Superchemistry with SDMA (**SA010, page 61**)), a Complete Blood Count (CBC), Accuplex™ for canine vector-borne disease screening (**AC100, page 8**), and KeyScreen™ for intestinal parasite detection (**T991, page 101**). **Interferences:** Marked hemolysis and lipemia.	1.0 mL serum, 1.0 mL EDTA whole blood, and 0.3 grams of feces. Serum in red top or serum separator tube, lavender top, ANTECH™ provided fecal container.	1-3 days
KS737	**Superchem with SDMA, CBC, Feline Heartworm, FIV, FeLV, and KeyScreen™** Superchem with SDMA, CBC, FeLV, FIV, Heartworm Antibody, and KeyScreen™. The most comprehensive chemistry profile (Superchemistry with SDMA (**SA010, page 61**)), a Complete Blood Count (CBC), FeLV antigen detection, FIV and heartworm antibody detection, and KeyScreen™ for intestinal parasite detection (**T991, page 101**). **Interferences:** Marked hemolysis or lipemia may result in false positive results on the FeLV Antigen ELISA.	1.25 mL serum, 1.0 mL EDTA whole blood, and 0.3 grams of feces. Serum in red top or serum separator tube, lavender top, ANTECH™ provided fecal container.	1-3 days

CODE	TEST NAME	DESCRIPTION	COMPONENTS	SPECIMEN	TAT*
KS490	**Superchem with SDMA, CBC, FIV, FeLV, and KeyScreen™** The most comprehensive chemistry profile (Superchemistry with SDMA (**SA010, page 61**)), a Complete Blood Count (CBC), FeLV antigen and FIV antibody detection, and KeyScreen™ for intestinal parasite detection (**T991, page 101**). **Interferences:** Marked hemolysis or lipemia may result in false positive results on the FeLV Antigen ELISA.	1.0 mL serum, 1.0 mL EDTA whole blood, and 0.3 grams of feces. Serum in red top or serum separator tube, lavender top, ANTECH™ provided fecal container.	1-3 days
KS028	**Superchem with SDMA, CBC, Heartworm Antigen, and KeyScreen™** The most comprehensive chemistry profile (Superchemistry with SDMA (**SA010, page 61**)), a Complete Blood Count (CBC), heartworm antigen detection, and KeyScreen™ for intestinal parasite detection (**T991, page 101**). **Interferences:** Marked hemolysis and lipemia.	1.0 mL serum, 1.0 mL EDTA whole blood, and 0.3 grams of feces. Serum in red top or serum separator tube, lavender top, ANTECH™ provided fecal container.	1-3 days
KS110	**Superchem with SDMA, CBC, Heartworm Antigen, T4, and KeyScreen™** The most comprehensive chemistry profile (Superchemistry with SDMA (**SA010, page 61**)), a Complete Blood Count (CBC), Total T4, heartworm antigen detection, and KeyScreen™ for intestinal parasite detection (**T991, page 101**). **Interferences:** T4 evaluation can be affected in a hemolyzed or moderately lipemic sample. Lipemia can falsely decrease T4 results. Lipemia can falsely elevate TSH results.	1.0 mL serum, 1.0 mL EDTA whole blood, and 0.3 grams of feces. Serum in red top or serum separator tube, lavender top, ANTECH™ provided fecal container.	1-3 days
KS020	**Superchem with SDMA, CBC, and KeyScreen™** The most comprehensive chemistry profile (Superchemistry with SDMA (**SA010, page 61**)), a Complete Blood Count (CBC), and KeyScreen™ for intestinal parasite detection (**T991, page 101**). **Interferences:** Marked hemolysis and lipemia.	0.5 mL serum, 1.0 mL EDTA whole blood, and 0.3 grams of feces. Serum in red top or serum separator tube, lavender top, ANTECH™ provided fecal container.	1-3 days
KS724	**Superchem with SDMA, CBC, T4, FeLV, FIV, Heartworm Antibody (Feline), and KeyScreen™** The most comprehensive chemistry profile (Superchemistry with SDMA (**SA010, page 61**)), a Complete Blood Count (CBC), Total T4, FeLV antigen detection, FIV and heartworm antibody detection, and KeyScreen™ for intestinal parasite detection (see CT991). **Interferences:** Marked hemolysis or lipemia may result in false positive results on the FeLV Antigen ELISA.	1.25 mL serum, 1.0 mL EDTA whole blood, 6.0 mL urine, and 0.3 grams of feces. Serum in red top or serum separator tube, lavender top, ANTECH™ provided fecal container.	1-3 days

CODE	TEST NAME | DESCRIPTION | COMPONENTS	SPECIMEN	TAT*
KS220	**Superchem with SDMA, CBC, T4, FIV, FeLV, and KeyScreen™** The most comprehensive chemistry profile (Superchemistry with SDMA (**SA010, page 61**)), a Complete Blood Count (CBC), Total T4, FeLV antigen and FIV antibody detection, and KeyScreen™ for intestinal parasite detection (**T991, page 101**). **Interferences:** Marked hemolysis or lipemia may result in false positive results on the FeLV Antigen ELISA.	1.0 mL serum, 1.0 mL EDTA whole blood, and 0.3 grams of feces. Serum in red top or serum separator tube, lavender top, ANTECH™ provided fecal container.	1-3 days
KS120	**Superchem with SDMA, CBC, T4, and KeyScreen™** The most comprehensive chemistry profile (Superchemistry with SDMA (**SA010, page 61**)), a Complete Blood Count (CBC), Total T4, and KeyScreen™ for intestinal parasite detection (**T991, page 101**). **Interferences:** T4 evaluation can be affected in a hemolyzed or moderately lipemic sample. Lipemia can falsely decrease T4 results. Lipemia can falsely elevate TSH results.	0.5 mL serum, 1.0 mL EDTA whole blood, and 0.3 grams of feces. Serum in red top or serum separator tube, lavender top, ANTECH™ provided fecal container.	1-3 days
KS715	**Superchem with SDMA, CBC, T4, UA, Feline Heartworm, FIV, FeLV, and KeyScreen™** The most comprehensive minimum database (Superchemistry with SDMA (**SA010, page 61**), a Complete Blood Count (CBC), and Urinalysis (UA)), Total T4, FeLV antigen detection, FIV and heartworm antibody detection, and KeyScreen™ for intestinal parasite detection (**T991, page 101**). **Interferences:** Marked hemolysis or lipemia may result in false positive results on the FeLV Antigen ELISA.	1.25 mL serum, 1.0 mL EDTA whole blood, 6.0 mL urine, and 0.3 grams of feces. Serum in red top or serum separator tube, lavender top, ANTECH™ provided fecal container.	1-3 days
KS700	**Superchem with SDMA, CBC, T4, Urinalysis (UA), FIV, FeLV, and KeyScreen™** The most comprehensive minimum database (Superchemistry with SDMA (**SA010, page 61**), a Complete Blood Count (CBC), and Urinalysis (UA)), Total T4, FeLV antigen and FIV antibody detection, and KeyScreen™ for intestinal parasite detection (**T991, page 101**). **Interferences:** Marked hemolysis or lipemia may result in false positive results on the FeLV Antigen ELISA.	1.0 mL serum, 1.0 mL EDTA whole blood, 6.0 mL urine, and 0.3 grams of feces. Serum in red top or serum separator tube, lavender top, urine transport tube, ANTECH™ provided fecal container.	1-3 days
KA021	**Superchem with SDMA, CBC, Urinalysis (UA), Accuplex™, and KeyScreen™** The most comprehensive minimum database (Superchemistry with SDMA (**SA010, page 61**), a Complete Blood Count (CBC), and Urinalysis (UA)), Accuplex™ for canine vector-borne disease screening (see CAC100) and KeyScreen™ for intestinal parasite detection (**T991, page 101**). **Interferences:** Marked hemolysis and lipemia.	1.0 mL serum, 1.0 mL EDTA whole blood, 6.0 mL urine, and 0.3 grams of feces. Serum in red top or serum separator tube, lavender top, urine transport tube, ANTECH™ provided fecal container.	1-3 days

CODE	TEST NAME | DESCRIPTION | COMPONENTS	SPECIMEN	TAT*
KS494	**Superchem with SDMA, CBC, UA, Feline Heartworm, FIV, FeLV, and KeyScreen™** The most comprehensive minimum database (Superchemistry with SDMA (**SA010, page 61**), a Complete Blood Count (CBC), and Urinalysis (UA)), FeLV antigen detection, FIV and heartworm antibody detection, and KeyScreen™ for intestinal parasite detection (**T991, page 101**). **Interferences:** Marked hemolysis or lipemia may result in false positive results on the FeLV Antigen ELISA.	1.25 mL serum, 1.0 mL EDTA whole blood, 6.0 mL urine, and 0.3 grams of feces. Serum in red top or serum separator tube, lavender top, ANTECH™ provided fecal container.	1-3 days
KS702	**Superchem with SDMA, CBC, UA, FIV, FeLV, and KeyScreen™** The most comprehensive minimum database (Superchemistry with SDMA (**SA010, page 61**), a Complete Blood Count (CBC), and Urinalysis (UA)), FeLV antigen and FIV antibody detection, and KeyScreen™ for intestinal parasite detection (**T991, page 101**). **Interferences:** Marked hemolysis or lipemia may result in false positive results on the FeLV Antigen ELISA.	1.0 mL serum, 1.0 mL EDTA whole blood, 6.0 mL urine, and 0.3 grams of feces. Serum in red top or serum separator tube, lavender top, urine transport tube, ANTECH™ provided fecal container.	1-3 days
KS112	**Superchem with SDMA, CBC, UA, Heartworm Antigen, and KeyScreen™** The most comprehensive minimum database (Superchemistry with SDMA (**SA010, page 61**), a Complete Blood Count (CBC), and Urinalysis (UA)), heartworm antigen detection, and KeyScreen™ for intestinal parasite detection (**T991, page 101**). **Interferences:** Marked hemolysis and lipemia.	1.0 mL serum, 1.0 mL EDTA whole blood, 6.0 mL urine, and 0.3 grams of feces. Serum in red top or serum separator tube, lavender top, urine transport tube, ANTECH™ provided fecal container.	1-3 days
KS021	**Superchem with SDMA, CBC, UA, and KeyScreen™** The most comprehensive minimum database (Superchemistry with SDMA (**SA010, page 61**), a Complete Blood Count (CBC), and Urinalysis (UA)) and KeyScreen™ for intestinal parasite detection (**T991, page 101**). **Interferences:** Marked hemolysis and lipemia.	0.5 mL serum, 1.0 mL EDTA whole blood, 6.0 mL urine, and 0.3 grams of feces. Serum in red top or serum separator tube, lavender top, urine transport tube, ANTECH™ provided fecal container.	1-3 days
AC114	**Total Body Function with SDMA, O&P, and Accuplex™** Superchem with SDMA, CBC, Total T4, Fecal Ova and Parasite (O&P) with Centrifugation, and Accuplex™. The most comprehensive chemistry panel with SDMA (**SA010, page 61**), a Complete Blood Count (CBC), Total T4, Accuplex™ for canine vector-borne disease screening (**AC100, page 8**) and fecal analysis using zinc sulfate centrifugation/flotation (**T805, page 81**) for Ova and Parasite (O&P) detection. **Interferences:** T4 evaluation can be affected in a hemolyzed or moderately lipemic sample. Lipemia can falsely decrease T4 results. Lipemia can falsely elevate TSH results.	1.0 mL serum, 1.0 mL EDTA whole blood, and 5.0 grams of feces. Serum in red top or serum separator tube, lavender top, ANTECH™ provided fecal container.	1-2 days

CODE	TEST NAME | DESCRIPTION | COMPONENTS	SPECIMEN	TAT*
AC123	**Total Body Function with SDMA, O&P, *Giardia*, and Accuplex™** Superchem with SDMA, CBC, Total T4, Fecal Ova and Parasite (O&P) with Centrifugation and *Giardia*, and Accuplex™. The most comprehensive chemistry with SDMA (**SA010, page 61**), a Complete Blood Count (CBC), Total T4, Accuplex™ for canine vector-borne disease screening (**AC100, page 8**) and fecal analysis using zinc sulfate centrifugation/flotation and *Giardia* Ag ELISA (**T808, page 81**) for Ova and Parasite (O&P) detection. **Interferences:** T4 evaluation can be affected in a hemolyzed or moderately lipemic sample. Lipemia can falsely decrease T4 results. Lipemia can falsely elevate TSH results.	1.0 mL serum, 1.0 mL EDTA whole blood, and 6.0 grams of feces. Serum in red top or serum separator tube, lavender top, ANTECH™ provided fecal container.	1-2 days
KS260	**FeLV, FIV, and KeyScreen™** FeLV antigen detection, FIV antibody detection, and KeyScreen™ for intestinal parasite detection (**T991, page 101**). **Interferences:** Marked hemolysis or lipemia may result in false positive results on the FeLV Antigen ELISA.	0.5 mL serum and 0.3 grams of feces. Serum in red top or serum separator tube, ANTECH™ provided fecal container.	1-3 days
KT615	**Heartworm Antigen and KeyScreen™** Heartworm antigen detection and KeyScreen™ for intestinal parasite detection (**T991, page 101**). **Interferences:** Marked hemolysis and lipemia.	0.5 mL serum and 0.3 grams of feces. Serum in red top or serum separator tube, ANTECH™ provided fecal container.	1-3 days
AC805	**Ova and Parasite (O&P) with Accuplex™** Fecal Ova and Parasite (O&P), Centrifugation, and Accuplex™. Fecal analysis via zinc sulfate centrifugation/flotation for Ova and Parasite (O&P) detection and an Accuplex™ test for canine vector-borne disease screening (**AC100, page 8**).	0.5 mL serum and 5.0 grams of feces. Serum in red top or serum separator tube, ANTECH™ provided fecal container.	1-2 days
AC808	**Ova and Parasite (O&P) *Giardia* with Accuplex™** Fecal Ova and Parasite (O&P) with Centrifugation, *Giardia*, and Accuplex™. Fecal analysis via zinc sulfate centrifugation/flotation and a *Giardia* Ag (ELISA) for Ova and Parasite (O&P) detection and an Accuplex™ for canine vector-borne disease screening (**AC100, page 8**).	0.5 mL serum and 6.0 grams of feces. Serum in red top or serum separator, ANTECH™ provided fecal container.	1-2 days

CBC Chemistry Profiles

CODE	TEST NAME | DESCRIPTION | COMPONENTS	SPECIMEN	TAT*
KS630	**Adult Chem with SDMA, CBC, Feline Heartworm, UA, and KeyScreen™** A complete minimum database (wellness chemistry with a Complete Blood Count (CBC), and Urinalysis (UA)), heartworm antibody detection, KeyScreen™ for intestinal parasite detection (**T991, page 101**), and SDMA for glomerular filtration rate estimation (**T1035, page 61**). **Interferences:** Marked hemolysis and lipemia.	1.0 mL serum, 1.0 mL EDTA whole blood, 6.0 mL urine, and 0.3 grams of feces. Serum in red top or serum separator tube, lavender top, urine transport tube, ANTECH™ provided fecal container.	1-3 days
SA675	**Adult Wellness Chemistry with SDMA, CBC, FeLV, and FIV** Wellness chemistry with a Complete Blood Count (CBC), FeLV antigen and FIV antibody detection, and SDMA for glomerular filtration rate estimation (**T1035, page 61**). **Interferences:** Marked hemolysis and lipemia.	1.0 mL serum and 1.0 mL EDTA whole blood. Serum in red top or serum separator tube, lavender top.	1-2 days
SA622	**Adult Feline Wellness with SDMA, FeLV, and FIV** Adult Wellness Chemistry with SDMA, CBC, Feline Heartworm Antibody, FeLV, and FIV. A comprehensive chemistry panel with a Complete Blood Count (CBC), FeLV antigen, FIV and heartworm antibody detection, and SDMA for glomerular filtration rate estimation (**T1035, page 61**). **Interferences:** Marked hemolysis or lipemia may result in false positive results on the FeLV Antigen ELISA.	1.0 mL serum and 1.0 mL EDTA whole blood. Serum in red top or serum separator tube, lavender top.	1-2 days
SA686	**Adult Wellness Panel with SDMA, Heartworm, O&P, and UA** A comprehensive minimum database (comprehensive wellness chemistry with a Complete Blood Count (CBC), and Urinalysis (UA)), heartworm antigen detection, SDMA for glomerular filtration rate estimation (**T1035, page 61**), and fecal analysis via zinc sulfate centrifugation/ flotation for Ova and Parasite (O&P) detection (**T805, page 81**). **Interferences:** Marked hemolysis and lipemia.	1.0 mL serum, 1.0 mL EDTA whole blood, 6.0 mL urine, and 5.0 grams of feces. Serum in red top or serum separator tube, lavender top, urine transport tube, ANTECH™ provided fecal container.	1-2 days
SA600	**Adult Wellness Chemistry with SDMA and CBC** A comprehensive chemistry panel with a Complete Blood Count (CBC) and SDMA for glomerular filtration rate estimation (**T1035, page 61**). **Interferences:** Marked hemolysis and lipemia.	0.5 mL serum and 1.0 mL EDTA whole blood. Serum in red top or serum separator tube, lavender top.	24 hours

CODE	TEST NAME | DESCRIPTION | COMPONENTS	SPECIMEN	TAT*
SA620	**Adult Wellness with SDMA, *Ehrlichia*, and Lyme** Adult Wellness Chemistry with SDMA, CBC, *Ehrlichia canis*, Heartworm Antigen, and Lyme Titer IgG. A comprehensive chemistry panel with a Complete Blood Count (CBC), SDMA for glomerular filtration rate estimation (**T1035, page 61**), and screening for vector-borne disease (heartworm antigen detection, detection of antibodies (IFA methodology) suggesting exposure to *Ehrlichia canis* or *Borrelia burgdorferi* (natural or vaccinal)). **Interferences:** Marked hemolysis and lipemia.	1.25 mL serum and 1.0 mL EDTA whole blood. Serum in red top or serum separator tube, lavender top.	1-2 days
SA684	**Adult Wellness with SDMA, FeLV, FIV, O&P, and *Giardia*** Adult Wellness Chemistry with SDMA, CBC, FeLV, FIV, Ova and Parasite (O&P) with Centrifugation, and *Giardia*. A comprehensive chemistry with a Complete Blood Count (CBC), FeLV antigen detection, FIV antibody detection, SDMA for glomerular filtration rate estimation (**T1035, page 61**), and fecal analysis via zinc sulfate centrifugation/flotation and *Giardia* Ag ELISA for Ova and Parasite (O&P) detection (**T808, page 81**). **Interferences:** Marked hemolysis or lipemia may result in false positive results on the FeLV Antigen ELISA.	1.0 mL serum, 1.0 mL EDTA whole blood, and 6.0 grams of feces. Serum in red top or serum separator tube, lavender top, ANTECH™ provided fecal container.	1-2 days
SA651	**Adult Wellness with SDMA, Heartworm, UA, O&P, and *Giardia*** Adult Wellness Chemistry with SDMA, CBC, Heartworm Antigen, Fecal Ova and Parasite (O&P) with Centrifugation, *Giardia*, and Urinalysis. A comprehensive minimum database (wellness chemistry with a Complete Blood Count (CBC), and Urinalysis (UA)), heartworm antigen detection, SDMA for glomerular filtration rate estimation (**T1035, page 61**), and fecal analysis via zinc sulfate centrifugation/flotation and *Giardia* Ag ELISA for Ova and Parasite (O&P) detection (**T808, page 81**). **Interferences:** Marked hemolysis and lipemia.	1.0 mL serum, 1.0 mL EDTA whole blood, 6.0 mL urine, and 6.0 grams of feces. Serum in red top or serum separator tube, lavender top, urine transport tube, ANTECH™ provided fecal container.	1-2 days
SA615	**Adult Wellness with SDMA and O&P** Adult Wellness Chemistry with SDMA, CBC, Fecal Ova and Parasite (O&P) with Centrifugation. A comprehensive chemistry panel with a Complete Blood Count (CBC), SDMA for glomerular filtration rate estimation (**T1035, page 61**), and fecal analysis via zinc sulfate centrifugation/flotation for Ova and Parasite (O&P) detection (**T805, page 81**). **Interferences:** Marked hemolysis and lipemia.	0.5 mL serum, 1.0 mL EDTA whole blood, and 5.0 grams of feces. Serum in red top or serum separator tube, lavender top, ANTECH™ provided fecal container.	1-2 days
SA655	**Adult Wellness with SDMA, O&P, and *Giardia*** Adult Wellness Chemistry with SDMA, CBC, Fecal Ova and Parasite (O&P) with Centrifugation, and *Giardia*. A comprehensive chemistry with a Complete Blood Count (CBC), SDMA for glomerular filtration rate estimation (**T1035, page 61**), and fecal analysis via zinc sulfate centrifugation/flotation and *Giardia* Ag ELISA for Ova and Parasite (O&P) detection (**T808, page 81**). **Interferences:** Marked hemolysis and lipemia.	0.5 mL serum, 1.0 mL EDTA whole blood, and 6.0 grams of feces. Serum in red top or serum separator tube, lavender top, ANTECH™ provided fecal container.	1-2 days

CODE	TEST NAME | DESCRIPTION | COMPONENTS	SPECIMEN	TAT*
SA670	**Adult Wellness with SDMA and T4** Adult Wellness Chemistry with SDMA, CBC, and Total T4. A comprehensive chemistry with a Complete Blood Count (CBC), Total T4, and SDMA for glomerular filtration rate estimation (**T1035, page 61**). **Interferences:** T4 evaluation can be affected in a hemolyzed or moderately lipemic sample. Lipemia can falsely decrease T4 results. Lipemia can falsely elevate TSH results.	1.0 mL serum and 1.0 mL EDTA whole blood. Serum in red top or serum separator tube, lavender top.	24 hours
SA674	**Adult Wellness with SDMA, T4, and O&P** Adult Wellness Chemistry with SDMA, CBC, T4, Ova and Parasite (O&P) with Centrifugation. A comprehensive chemistry with a Complete Blood Count (CBC), Total T4, SDMA for glomerular filtration rate estimation (**T1035, page 61**), and fecal analysis via zinc sulfate centrifugation/flotation and *Giardia* ELISA for Ova and Parasite (O&P) detection (**T808, page 81**). **Interferences:** T4 evaluation can be affected in a hemolyzed or moderately lipemic sample. Lipemia can falsely decrease T4 results. Lipemia can falsely elevate TSH results.	1.0 mL serum, 1.0 mL EDTA whole blood, and 5.0 grams of feces. Serum in red top or serum separator tube, lavender top, ANTECH™ provided fecal container.	1-2 days
SA676	**Adult Wellness with SDMA, T4, O&P, and UA** Adult Wellness Chemistry with SDMA, CBC, T4, Ova and Parasite (O&P) with Centrifugation, and Urinalysis. A comprehensive minimum database (wellness chemistry with a Complete Blood Count (CBC), and Urinalysis (UA)), Total T4, SDMA for glomerular filtration rate estimation (**T1035, page 61**), and fecal analysis via zinc sulfate centrifugation/flotation and *Giardia* ELISA for Ova and Parasite (O&P) detection (**T808, page 81**). **Interferences:** T4 evaluation can be affected in a hemolyzed or moderately lipemic sample. Lipemia can falsely decrease T4 results. Lipemia can falsely elevate TSH results.	1.0 mL serum, 1.0 mL EDTA whole blood, 6.0 mL urine, and 5.0 grams of feces. Serum in red top or serum separator tube, lavender top, urine transport tube, ANTECH™ provided fecal container.	1-2 days
SA672	**Adult Wellness with SDMA, T4, and UA** Adult Wellness Chemistry with SDMA, CBC, Total T4, and Urinalysis. A comprehensive minimum database (wellness chemistry with a Complete Blood Count (CBC), and Urinalysis (UA)), Total T4, and SDMA for glomerular filtration rate estimation (**T1035, page 61**). **Interferences:** T4 evaluation can be affected in a hemolyzed or moderately lipemic sample. Lipemia can falsely decrease T4 results. Lipemia can falsely elevate TSH results.	1.0 mL serum, 1.0 mL EDTA whole blood, and 6.0 mL urine. Serum in red top or serum separator tube, lavender top, urine transport tube.	24 hours
SA649	**Adult Wellness with SDMA, CBC, UA, Fecal Combo** Adult Wellness Chemistry with SDMA, CBC, Ova and Parasite (O&P) with Centrifugation, *Giardia*, and Urinalysis. A comprehensive minimum database (wellness chemistry with a Complete Blood Count (CBC), and Urinalysis (UA)), SDMA for glomerular filtration rate estimation (**T1035, page 61**), and fecal analysis via zinc sulfate centrifugation/flotation and *Giardia* Ag ELISA for Ova and Parasite (O&P) detection (**T808, page 81**). **Interferences:** Marked hemolysis and lipemia.	1.0 mL serum, 1.0 mL EDTA whole blood, 6.0 mL urine, and 6.0 grams of feces. Serum in red top or serum separator tube, lavender top, urine transport tube, ANTECH™ provided fecal container.	1-2 days

CODE	TEST NAME | DESCRIPTION | COMPONENTS	SPECIMEN	TAT*
SA607	**Adult Wellness Chemistry with SDMA, CBC, and Urinalysis** A comprehensive minimum database (wellness chemistry with a Complete Blood Count (CBC), and Urinalysis (UA)) and SDMA for glomerular filtration rate estimation (**T1035, page 61**). **Interferences:** Marked hemolysis and lipemia.	0.5 mL serum, 1.0 mL EDTA whole blood, and 6.0 mL urine. Serum in red top or serum separator tube, lavender top, urine transport tube.	24 hours
SA205	**C1 with SDMA, FT4-ED** Superchem with SDMA, CBC, T4, T3, FreeT4 by Equilibrium Dialysis, FeIv, FIV, Feline Coronavirus Titer, and Hemotropic *Mycoplasma*. The most comprehensive chemistry with a Complete Blood Count (CBC), thyroid evaluation (T3, T4, FT4), SDMA for glomerular filtration rate estimation (**T1035, page 61**), FeLV antigen detection, FIV antibody detection, Feline coronavirus antibody and slide evaluation for Hemotropic *Mycoplasma*. **Interferences:** T4 evaluation can be affected in a hemolyzed or moderately lipemic sample. Lipemia can falsely decrease T4 results. Lipemia can falsely elevate TSH results.	2.0 mL serum in red top tube or serum separator tube and 1.0 mL EDTA whole blood in lavender top tube. Serum in red top or serum separator tube, lavender top.	1-3 days
SA645	**Canine Adult Wellness Immune Profile with SDMA** Adult Wellness Chemistry with SDMA, CBC, Ova and Parasite (O&P) with Centrifugation, Distemper/Parvo Vaccine Titer, and Urinalysis. A comprehensive minimum database (Adult Wellness Chemistry with a Complete Blood Count (CBC), and Urinalysis (UA)), SDMA for glomerular filtration rate estimation (**T1035, page 61**), fecal analysis via zinc sulfate centrifugation/flotation for Ova and Parasite (O&P) detection (**T805, page 81**) and Distemper/Parvovirus Vaccine Titer. **Interferences:** Marked hemolysis and lipemia.	1.0 mL serum, 1.0 mL EDTA whole blood, 6.0 mL urine, and 5.0 grams of feces. Serum in red top or serum separator tube, lavender top, urine transport tube, ANTECH™ provided fecal container.	1-3 days
SA625	**Canine Adult Wellness with SDMA and UA** Adult Wellness Chemistry with SDMA, CBC, Heartworm Antigen, and Urinalysis. A comprehensive minimum database (wellness chemistry with a Complete Blood Count (CBC), and Urinalysis (UA)), heartworm antigen detection, and SDMA for glomerular filtration rate estimation (**T1035, page 61**). **Interferences:** Marked hemolysis and lipemia.	1.0 mL serum, 1.0 mL EDTA whole blood, and 6.0 mL urine. Serum in red top or serum separator tube, lavender top, urine transport tube, ANTECH™ provided fecal container.	1-2 days
SA100	**Canine Comprehensive with SDMA** Superchem, CBC, Total T4, Free T4, and T3. The most comprehensive chemistry with a Complete Blood Count (CBC), thyroid evaluation (T3, T4, FT4), SDMA for glomerular filtration rate estimation (**T1035, page 61**).	1.0 mL serum and 1.0 mL EDTA whole blood. Serum in red top or serum separator tube, lavender top.	1-3 days
SA710	**Canine Senior Profile with SDMA, Heartworm** Superchem with SDMA, CBC, Total T4, Urinalysis, and Heartworm Antigen. The most comprehensive minimum database (Superchemistry with a Complete Blood Count (CBC), and Urinalysis (UA)), Total T4, heartworm antigen detection, and SDMA for glomerular filtration rate estimation (**T1035, page 61**). **Interferences:** T4 evaluation can be affected in a hemolyzed or moderately lipemic sample. Lipemia can falsely decrease T4 results. Lipemia can falsely elevate TSH results.	1.0 mL serum, 1.0 mL EDTA whole blood, and 6.0 mL urine. Serum in red top or serum separator tube, lavender top, urine transport tube.	1-2 days

CODE	TEST NAME | DESCRIPTION | COMPONENTS	SPECIMEN	TAT*
SA765	**Canine Senior with SDMA, Fecal Combo** Superchem with SDMA, CBC, Total T4, Urinalysis, Heartworm Antigen, Fecal Ova and Parasite (O&P) with Centrifugation, and *Giardia*. The most comprehensive minimum database (Superchemistry with a Complete Blood Count (CBC), and Urinalysis (UA)), Total T4, heartworm antigen detection, SDMA for glomerular filtration rate estimation (**T1035, page 61**), and fecal analysis via zinc sulfate centrifugation/flotation and *Giardia* Ag ELISA for Ova and Parasite (O&P) detection (**T808, page 81**). **Interferences:** T4 evaluation can be affected in a hemolyzed or moderately lipemic sample. Lipemia can falsely decrease T4 results. Lipemia can falsely elevate TSH results.	1.0 mL serum, 1.0 mL EDTA whole blood, 6.0 mL urine, and 6.0 grams of feces. Serum in red top or serum separator tube, lavender top, urine transport tube, ANTECH™ provided fecal container.	1-2 days
SA635	**Canine Wellness with SDMA and O&P** Adult Wellness Chemistry with SDMA, CBC, Heartworm Antigen, Fecal Ova and Parasite (O&P) with Centrifugation. A comprehensive chemistry with a Complete Blood Count (CBC), heartworm antigen detection, SDMA for glomerular filtration rate estimation (**T1035, page 61**), and fecal analysis via zinc sulfate centrifugation/ flotation for Ova and Parasite (O&P) detection (**T805, page 81**). **Interferences:** Marked hemolysis and lipemia.	1.0 mL serum, 1.0 mL EDTA whole blood, and 5.0 grams of feces. Serum in red top or serum separator tube, lavender top, ANTECH™ provided fecal container.	1-2 days
SA220	**Cat Scan Plus with SDMA** Superchem with SDMA, CBC, Total T4, FeLV, and FIV. The most comprehensive chemistry, Complete Blood Count (CBC), total T4, FeLV antigen detection, FIV antibody detection and SDMA for glomerular filtration rate estimation (**T1035, page 61**). **Interferences:** Marked hemolysis or lipemia may result in false positive results on the FeLV Antigen ELISA.	1.0 mL serum and 1.0 mL EDTA whole blood. Serum in red top or serum separator tube, lavender top.	1-2 days
SA230	**Cat Scan with SDMA** Superchem with SDMA, CBC, T4, and FeLV. The most comprehensive chemistry, Complete Blood Count (CBC), total T4, FeLV antigen detection, and SDMA for glomerular filtration rate estimation (**T1035, page 61**). **Interferences:** T4 evaluation can be affected in a hemolyzed or moderately lipemic sample. Lipemia can falsely decrease T4 results. Lipemia can falsely elevate TSH results.	1.0 mL serum and 1.0 mL EDTA whole blood. Serum in red top or serum separator tube, lavender top.	1-2 days
SA1348	**Cat Scan with SDMA, T4** Superchem with SDMA, CBC, T4, and FeLV. A comprehensive chemistry (Vet Screen), a Complete Blood Count (CBC), Total T4, FeLV antigen detection, and SDMA for glomerular filtration rate estimation (**T1035, page 61**). **Interferences:** T4 evaluation can be affected in a hemolyzed or moderately lipemic sample. Lipemia can falsely decrease T4 results. Lipemia can falsely elevate TSH results.	1.0 mL serum and 1.0 mL EDTA whole blood. Serum in red top or serum separator tube, lavender top.	1-2 days
SA610	**Cat Wellness Profile with SDMA** Adult Wellness Chemistry with SDMA, CBC, and Feline Heartworm Antibody. A comprehensive chemistry panel, a Complete Blood Count (CBC), heartworm antibody detection, and SDMA for glomerular filtration rate estimation (**T1035, page 61**).	1.0 mL serum and 1.0 mL EDTA whole blood. Serum in red top or serum separator tube, lavender top.	1-2 days

CODE	TEST NAME | DESCRIPTION | COMPONENTS	SPECIMEN	TAT*
SA132	**Cocci Profile with SDMA, T4** Superchem with SDMA, CBC, T4, and Coccidioidomycosis, Screen and Titer. The most comprehensive chemistry, Complete Blood Count (CBC), total T4, SDMA for glomerular filtration rate estimation (**T1035, page 61**), and Coccidioides antibody assessment by AGID (**T535, page 74**). **Interferences:** Lipemia. T4 evaluation can be affected in a hemolyzed or moderately lipemic sample. Lipemia can falsely decrease T4 results. Lipemia can falsely elevate TSH results.	1.0 mL serum and 1.0 mL EDTA whole blood. Serum in red top or serum separator tube, lavender top.	1-5 days
SA105	**D1 with SDMA and FT4-ED** Superchem with SDMA, CBC, T3, Total T4, and Free T4 by ED. The most comprehensive chemistry panel, a Complete Blood Count (CBC), a thyroid panel (T4, T3, FT4 ED), and SDMA for glomerular filtration rate estimation (**T1035, page 61**). **Interferences:** T4 evaluation can be affected in a hemolyzed or moderately lipemic sample. Lipemia can falsely decrease T4 results. Lipemia can falsely elevate TSH results.	1.5 mL serum and 1.0 mL EDTA whole blood. Serum in red top or serum separator tube, lavender top.	1-3 days
SA504	**Desert Disease Panel with SDMA, T4** Superchem with SDMA, CBC, T4, Coccidioidomycosis, Screen and Titer, and *Ehrlichia canis*. The most comprehensive chemistry, a Complete Blood Count (CBC), total T4, SDMA for glomerular filtration rate estimation (**T1035, page 61**), and screening for exposure to *Ehrlichia canis* (IFA) and Coccidioidomycosis (IgM and IgG). **Interferences:** T4 evaluation can be affected in a hemolyzed or moderately lipemic sample. Lipemia can falsely decrease T4 results. Lipemia can falsely elevate TSH results.	1.0 mL serum and 1.0 mL EDTA whole blood. Serum in red top or serum separator tube, lavender top.	1-5 days
SA800	**Diabetes Monitoring Panel with SDMA** CBC, Urinalysis, Fructosamine Assay, Chemistry panel: Total Protein, ALT (SGPT), Alk Phos, Total Bilirubin, BUN, Creatinine, Glucose, PSL, and SDMA. A minimum database (chemistry (ZW85710), a Complete Blood Count (CBC), Urinalysis (UA)), SDMA for glomerular filtration rate estimation (**T1035, page 61**), and Fructosamine. **Interferences:** Marked hemolysis and lipemia.	0.5 mL serum, 1.0 mL EDTA whole blood, and 6.0 mL urine. Serum in red top or serum separator tube, lavender top, urine transport tube.	24 hours
SA605	**Dog Wellness Profile with SDMA** Adult Wellness Chemistry with SDMA, CBC, and Heartworm Antigen. A comprehensive chemistry panel, a Complete Blood Count (CBC), heartworm antigen detection, and SDMA for glomerular filtration rate estimation (**T1035, page 61**). **Interferences:** Marked hemolysis and lipemia.	1.0 mL serum and 1.0 mL EDTA whole blood. Serum in red top or serum separator tube, lavender top.	1-2 days
SA650	**Dog Wellness Profile with SDMA, Ova and Parasite (O&P), *Giardia*** Adult Wellness Chemistry with SDMA, CBC, Heartworm Antigen, Fecal Ova and Parasite (O&P) with Centrifugation, and *Giardia*. A comprehensive chemistry with a Complete Blood Count (CBC), heartworm antigen detection, SDMA for glomerular filtration rate estimation (**T1035, page 61**), and fecal analysis via zinc sulfate centrifugation/flotation and *Giardia* Ag ELISA for Ova and Parasite (O&P) detection (**T808, page 81**). **Interferences:** Marked hemolysis and lipemia.	1.0 mL serum, 1.0 mL EDTA whole blood, and 6.0 grams of feces. Serum in red top or serum separator tube, lavender top, ANTECH™ provided fecal container.	1-2 days

CODE	TEST NAME | DESCRIPTION | COMPONENTS	SPECIMEN	TAT*
SA685	**Dog Wellness with SDMA, T4** Adult Wellness Chemistry with SDMA, CBC, Heartworm Antigen, and Total T4. A comprehensive chemistry with a Complete Blood Count (CBC), Total T4, heartworm antigen detection, and SDMA for glomerular filtration rate estimation (**T1035, page 61**). **Interferences:** T4 evaluation can be affected in a hemolyzed or moderately lipemic sample. Lipemia can falsely decrease T4 results. Lipemia can falsely elevate TSH results.	1.0 mL serum and 1.0 mL EDTA whole blood. Serum in red top or serum separator, lavender top.	24 hours
SA640	**Feline Adult Wellness Immune Profile with SDMA** Superchem with SDMA, CBC, Ova and Parasite (O&P) with Centrifugation, Panleukopenia Vaccine Titer (Feline Only), and Urinalysis. A comprehensive minimum database (wellness chemistry with a Complete Blood Count (CBC), and Urinalysis (UA)), SDMA for glomerular filtration rate estimation (**T1035, page 61**), feline panleukopenia vaccinal titer, and fecal analysis via zinc sulfate centrifugation/flotation for Ova and Parasite (O&P) detection (**T805, page 81**). **Interferences:** Marked hemolysis and lipemia.	1.0 mL serum, 1.0 mL EDTA whole blood, 6.0 mL urine, and 5.0 grams of feces. Serum in red top or serum separator tube, lavender top, urine transport tube, ANTECH™ provided fecal container.	1-5 days
SA660	**Feline Adult Wellness with SDMA and Fecal Combo** Superchem with SDMA, CBC, Feline Heartworm Antibody, Ova and Parasite (O&P) with Centrifugation, and *Giardia*. A comprehensive chemistry with a Complete Blood Count (CBC), heartworm antibody detection, SDMA for glomerular filtration rate estimation (**T1035, page 61**) and fecal analysis via zinc sulfate centrifugation/flotation and *Giardia* Ag ELISA for Ova and Parasite (O&P) detection (**T808, page 81**). **Interferences:** Marked hemolysis and lipemia.	1.0 mL serum, 1.0 mL EDTA whole blood, and 6.0 grams of feces. Serum in red top or serum separator tube, lavender top, ANTECH™ provided fecal container.	1-2 days
SA661	**Feline Adult Wellness with SDMA, O&P, *Giardia*, and UA** Superchem with SDMA, CBC, Feline Heartworm Antibody, Ova and Parasite (O&P) with Centrifugation, *Giardia*, and Urinalysis. A comprehensive minimum database (wellness chemistry with a Complete Blood Count (CBC) and Urinalysis (UA)), heartworm antibody detection, SDMA for glomerular filtration rate estimation (**T1035, page 61**) and fecal analysis via zinc sulfate centrifugation/flotation and *Giardia* Ag ELISA for Ova and Parasite (O&P) detection (**T808, page 81**). **Interferences:** Marked hemolysis and lipemia.	1.0 mL serum, 1.0 mL EDTA whole blood, 6.0 mL urine, and 5.0 grams of feces. Serum in red top or serum separator tube, lavender top, urine transport tube, ANTECH™ provided fecal container.	1-2 days
SA696	**Feline Adult Wellness with SDMA, O&P, and UA** Adult Wellness Chemistry with SDMA, CBC, Heartworm Antibody, Fecal Ova and Parasite (O&P) with Centrifugation, and Urinalysis. A comprehensive minimum database (wellness chemistry with a Complete Blood Count (CBC) and Urinalysis (UA)), heartworm antibody detection, SDMA for glomerular filtration rate estimation (**T1035, page 61**) and fecal analysis via zinc sulfate centrifugation/flotation for Ova and Parasite (O&P) detection (**T805, page 81**). **Interferences:** Marked hemolysis and lipemia.	1.0 mL serum, 1.0 mL EDTA whole blood, 6.0 mL urine, and 5.0 grams of feces. Serum in red top or serum separator tube, lavender top, urine transport tube, ANTECH™ provided fecal container.	1-2 days

CODE	TEST NAME | DESCRIPTION | COMPONENTS	SPECIMEN	TAT*
SA629	**Feline Adult Wellness with SDMA, O&P, UA, FeLV, and FIV** Adult Wellness Chemistry with SDMA, CBC, Feline Heartworm Antibody, FeLV, FIV, Fecal Ova and Parasite (O&P) with Centrifugation, and Urinalysis. SA696 to which FeLV antigen and FIV antibody detection has been added. **Interferences:** Marked hemolysis or lipemia may result in false positive results on the FeLV Antigen ELISA.	2.0 mL serum, 1.0 mL EDTA whole blood, 6.0 mL urine, and 5.0 grams of feces. Serum in red top or serum separator tube, lavender top, urine transport tube, ANTECH™ provided fecal container.	1-2 days
SA630	**Feline Adult Wellness with SDMA and UA** Adult Wellness Chemistry with SDMA, CBC, Feline Heartworm Antibody, and Urinalysis. A comprehensive minimum database (wellness chemistry with a Complete Blood Count (CBC) and Urinalysis (UA)), heartworm antibody detection, and SDMA for glomerular filtration rate estimation (**T1035, page 61**). **Interferences:** Marked hemolysis and lipemia.	1.0 mL serum, 1.0 mL EDTA whole blood, and 6.0 mL urine. Serum in red top or serum separator tube, lavender top, urine transport tube.	1-2 days
SA624	**Feline Adult Wellness with SDMA, UA, FeLV, and FIV** Adult Wellness Chemistry with SDMA, CBC, FeLV, FIV, Urinalysis, and Heartworm Antibody (Feline). SA630 to which FeLV antigen and FIV antibody detection has been added. **Interferences:** Marked hemolysis and lipemia.	1.0 mL serum, 1.0 mL EDTA whole blood, and 6.0 mL urine. Serum in red top or serum separator tube, lavender top, urine transport tube.	1-2 days
SA718	**Feline Comprehensive Wellness with SDMA and O&P** Superchem with SDMA, CBC, Total T4, FIV Antibody, Urinalysis-Complete, FeLV Antigen ELISA, Heartworm Antibody, Feline, Fecal O&P The most comprehensive minimum database (Superchemistry, Complete Blood Count (CBC), Urinalysis (UA)), a total T4, FeLV antigen detection, FIV and heartworm antibody detection, SDMA for glomerular filtration rate estimation (**T1035, page 61**), and fecal analysis via zinc sulfate centrifugation/ flotation for Ova and Parasite (O&P) detection (**T805, page 81**). **Interferences:** Marked hemolysis or lipemia may result in false positive results on the FeLV Antigen ELISA.	1.0 mL serum, 1.0 mL EDTA whole blood, 6.0 mL urine, and 5.0 grams of feces. Serum in red top or serum separator tube, lavender top, urine transport tube, ANTECH™ provided fecal container.	1-2 days
SA200	**Feline Comprehensive Plus with SDMA** Superchem, CBC, Total T4, Free T4, T3, FeLV, FIV, Feline Coronavirus Titer The most comprehensive chemistry panel, a Complete Blood Count (CBC), thyroid evaluation (T3, T4, FT4), FeLV antigen detection, FIV antibody detection, SDMA for glomerular filtration rate estimation (**T1035, page 61**), and feline coronavirus titer. **Interferences:** Marked hemolysis or lipemia may result in false positive results on the FeLV Antigen ELISA.	2.0 mL serum and 1.0 mL EDTA whole blood. Serum in red top or serum separator tube, lavender top.	2-3 days
SA210	**Feline Comprehensive with SDMA** Superchem with SDMA, CBC, FeLV, FIV, FCV Titer, *Toxoplasma* Ab - IgG/IgM The most comprehensive chemistry panel, a Complete Blood Count (CBC), FeLV antigen detection, FIV antibody detection, SDMA for glomerular filtration rate estimation (**T1035, page 61**), feline coronavirus titer, and *Toxoplasma* titer (IgM and IgG). **Interferences:** Marked hemolysis or lipemia may result in false positive results on the FeLV Antigen ELISA.	1.0 mL serum and 1.0 mL EDTA whole blood. Serum in red top or serum separator tube, lavender top, urine transport tube.	1-2 days

CODE	TEST NAME	DESCRIPTION	COMPONENTS	SPECIMEN	TAT*
SA682	**Feline EDP with SDMA, FeLV, FIV, Ova and Parasite (O&P)** Adult Wellness Chemistry with SDMA, CBC, FeLV, FIV, O&P with Centrifugation A comprehensive chemistry with a Complete Blood Count (CBC), FeLV antigen and FIV antibody detection, SDMA for glomerular filtration rate estimation (**T1035, page 61**), and fecal analysis via zinc sulfate centrifugation/ flotation for Ova and Parasite (O&P) detection (**T805, page 81**). **Interferences:** Marked hemolysis or lipemia may result in false positive results on the FeLV Antigen ELISA.	1.0 mL serum, 1.0 mL EDTA whole blood, and 5.0 grams of feces. Serum in red top or serum separator tube, lavender top, ANTECH™ provided fecal container.	1-2 days
SA908	**Feline Health Check with SDMA** Vet Screen with SDMA, CBC, FeLV, FCV, FIV, T4 A comprehensive chemistry with a Complete Blood Count (CBC), Total T4, FeLV antigen and FIV antibody detection, SDMA for glomerular filtration rate estimation (**T1035, page 61**), and feline coronavirus titer. SA914 to which a T4 has been added. **Interferences:** Marked hemolysis or lipemia may result in false positive results on the FeLV Antigen ELISA.	1.0 mL serum and 1.0 mL EDTA whole blood. Serum in red top or serum separator tube, lavender top.	1-3 days
SA914	**Feline Health Profile with SDMA** Vet Screen with SDMA, CBC, FeLV, FCV, FIV A comprehensive chemistry with a Complete Blood Count (CBC), FeLV antigen and FIV antibody detection, SDMA for glomerular filtration rate estimation (**T1035, page 61**), and feline coronavirus titer. **Interferences:** Marked hemolysis or lipemia may result in false positive results on the FeLV Antigen ELISA.	1.0 mL serum and 1.0 mL EDTA whole blood. Serum in red top or serum separator tube, lavender top.	1-3 days
SA460	**Feline Panel 101 with SDMA** Superchem with SDMA, CBC, FeLV, FIV, and FCV Titer The most comprehensive chemistry panel, a Complete Blood Count (CBC), FeLV antigen and FIV antibody detection, SDMA for glomerular filtration rate estimation (**T1035, page 61**), and feline coronavirus titer. **Interferences:** Marked hemolysis or lipemia may result in false positive results on the FeLV Antigen ELISA.	1.0 mL serum and 1.0 mL EDTA whole blood. Serum in red top or serum separator tube, lavender top.	1-3 days
SA722	**Feline Senior Profile with SDMA** Superchem with SDMA, CBC, Total T4, Urinalysis, Feline Heartworm Antibody. The most comprehensive minimum (Superchemistry, Complete Blood Count (CBC) and Urinalysis (UA)), total T4, heartworm antibody detection test and SDMA for glomerular filtration rate estimation (**T1035, page 61**). **Interferences:** T4 evaluation can be affected in a hemolyzed or moderately lipemic sample. Lipemia can falsely decrease T4 results. Lipemia can falsely elevate TSH results.	1.0 mL serum, 1.0 mL EDTA whole blood, and 6.0 mL urine. Serum in red top or serum separator tube, lavender top, urine transport tube.	1-2 days
SA782	**Feline Senior 2 with SDMA, Panleukopenia** Superchem with SDMA, CBC, T4, Urinalysis, Free T4 by ED, Panleukopenia Vaccinal Titer (Feline Only). The most comprehensive minimum database (Superchemistry, Complete Blood Count (CBC), and Urinalysis (UA)), thyroid panel (T4, FT4 by ED), SDMA for glomerular filtration rate estimation (**T1035, page 61**), and Panleukopenia vaccinal titer. **Interferences:** T4 evaluation can be affected in a hemolyzed or moderately lipemic sample. Lipemia can falsely decrease T4 results. Lipemia can falsely elevate TSH results.	1.25 mL serum, 1.0 mL EDTA whole blood, and 6.0 mL urine. Serum in red top or serum separator tube, lavender top, urine transport tube.	1-5 days

CODE	TEST NAME | DESCRIPTION | COMPONENTS	SPECIMEN	TAT*
SA190	**Feline Total Health Check with SDMA** Superchem with SDMA, CBC, T4, FIV, FeLV, FCV, and *Toxoplasma* Ab - IgG/IgM The most comprehensive chemistry panel, a Complete Blood Count (CBC), total T4, FeLV antigen and FIV antibody detection, SDMA for glomerular filtration rate estimation (**T1035, page 61**), feline coronavirus and *Toxoplasma* titer (IgM and IgG). **Interferences:** T4 evaluation can be affected in a hemolyzed or moderately lipemic sample. Lipemia can falsely decrease T4 results. Lipemia can falsely elevate TSH results.	1.5 mL serum and 1.0 mL EDTA whole blood. Serum in red top or serum separator tube, lavender top.	1-3 days
SA786	**Feline Total Health Check with SDMA and UA** Superchem with SDMA, CBC, T4, Urinalysis, FeLV, FIV, FCV, *Toxoplasma* Ab - IgG/IgM The most comprehensive minimum database (Superchemistry, Complete Blood Count (CBC), and Urinalysis (UA)), total T4, FeLV antigen and FIV antibody detection, SDMA for glomerular filtration rate estimation (**T1035, page 61**), feline coronavirus and *Toxoplasma* titer (IgM and IgG). **Interferences:** T4 evaluation can be affected in a hemolyzed or moderately lipemic sample. Lipemia can falsely decrease T4 results. Lipemia can falsely elevate TSH results.	1.5 mL serum, 1.0 mL EDTA whole blood, and 6.0 mL urine. Serum in red top or serum separator tube, lavender top, urine transport tube.	1-4 days
SA180	**Feline Total Health Plus with SDMA** Superchem with SDMA, CBC, T4, FIV, Feline Heartworm Antibody, FeLV, FCV, *Toxoplasma* Ab - IgG/IgM The most comprehensive chemistry panel, a Complete Blood Count (CBC), total T4, FeLV antigen detection, FIV and heartworm antibody detection, SDMA for glomerular filtration rate estimation (**T1035, page 61**), feline coronavirus and *Toxoplasma* titer (IgM and IgG). **Interferences:** T4 evaluation can be affected in a hemolyzed or moderately lipemic sample. Lipemia can falsely decrease T4 results. Lipemia can falsely elevate TSH results.	1.5 mL serum and 1.0 mL EDTA whole blood. Serum in red top or serum separator tube, lavender top.	1-3 days
SA700	**Feline Wellness 3 with SDMA** Superchem with SDMA, CBC, T4, Urinalysis, FeLV, FIV The most comprehensive minimum database (Superchemistry, Complete Blood Count (CBC), and Urinalysis (UA)), total T4, FeLV antigen and FIV antibody detection, and SDMA for glomerular filtration rate estimation (**T1035, page 61**). **Interferences:** Marked hemolysis or lipemia may result in false positive results on the FeLV Antigen ELISA.	1.0 mL serum, 1.0 mL EDTA whole blood, and 6.0 mL urine. Serum in red top or serum separator tube, lavender top, urine transport tube.	1-2 days
SA902	**Feline Wellness 4 with SDMA** Vet Screen with SDMA, CBC, T4, FeLV, FIV, Feline Heartworm Antibody A comprehensive chemistry panel, a Complete Blood Count (CBC), Total T4, FeLV antigen detection, FIV and heartworm antibody detection, and SDMA for glomerular filtration rate estimation (**T1035, page 61**). **Interferences:** Marked hemolysis or lipemia may result in false positive results on the FeLV Antigen ELISA.	1.0 mL serum and 1.0 mL EDTA whole blood. Serum in red top or serum separator tube, lavender top.	1-2 days

CODE	TEST NAME | DESCRIPTION | COMPONENTS	SPECIMEN	TAT*
SA683	**Feline Wellness with SDMA, FeLV, FIV, and O&P** Adult Wellness Chemistry with SDMA, CBC, Feline Heartworm Antibody, FeLV, FIV, O&P with Centrifugation A comprehensive chemistry panel, a Complete Blood Count (CBC), FeLV antigen detection, FIV and heartworm antibody detection, SDMA for glomerular filtration rate estimation (**T1035, page 61**), and fecal analysis via zinc sulfate centrifugation/flotation for Ova and Parasite (O&P) detection (**T805, page 81**). **Interferences:** Marked hemolysis or lipemia may result in false positive results on the FeLV Antigen ELISA.	1.0 mL serum, 1.0 mL EDTA whole blood, and 5.0 grams of feces. Serum in red top or serum separator tube, lavender top, ANTECH™ provided fecal container.	1-2 days
SA910	**Geriatric Feline with SDMA** Vet Screen with SDMA, CBC, FeLV, FIV, T4 A comprehensive chemistry with a Complete Blood Count (CBC), Total T4, FeLV antigen and FIV antibody detection, and SDMA for glomerular filtration rate estimation (**T1035, page 61**). **Interferences:** Marked hemolysis or lipemia may result in false positive results on the FeLV Antigen ELISA.	1.0 mL serum and 1.0 mL EDTA whole blood. Serum in red top or serum separator tube, lavender top.	1-2 days
SA924	**Geriatric Panel with SDMA and Feline** Vet Screen with SDMA, CBC, T4, FeLV, FIV, and Urinalysis A comprehensive minimum database (vet screen, a Complete Blood Count (CBC), and Urinalysis (UA)), Total T4, FeLV antigen and FIV antibody detection, and SDMA for glomerular filtration rate estimation (**T1035, page 61**). **Interferences:** T4 evaluation can be affected in a hemolyzed or moderately lipemic sample. Lipemia can falsely decrease T4 results. Lipemia can falsely elevate TSH results.	1.0 mL serum, 1.0 mL EDTA whole blood, and 6.0 mL urine. Serum in red top or serum separator tube, lavender top, urine transport tube.	1-2 days
SA037	**Geriatric Profile with SDMA** Vet Screen with SDMA, CBC, Total T4, Urinalysis A comprehensive minimum database (vet screen, a Complete Blood Count (CBC), and Urinalysis (UA)), Total T4, and SDMA for glomerular filtration rate estimation (**T1035, page 61**). **Interferences:** T4 evaluation can be affected in a hemolyzed or moderately lipemic sample. Lipemia can falsely decrease T4 results. Lipemia can falsely elevate TSH results.	1.0 mL serum, 1.0 mL EDTA whole blood, and 6.0 mL urine. Serum in red top or serum separator tube, lavender top, urine transport tube.	24 hours Performed each shift
SA1204	**GHP Chem with Lytes, SDMA and CBC** GHP Chem W/Lytes (Total Protein, Albumin, Globulin, ALT (SGPT), Alk Phos, T Bilirubin, BUN, Creatinine, Phosphorus, Glucose, Calcium, Sodium, Potassium, Chloride, Cholesterol, Amylase) with SDMA, and CBC A chemistry panel containing electrolytes (without AST, CPK, GGT, triglycerides, PSL), Complete Blood Count (CBC), and SDMA for glomerular filtration rate estimation (**T1035, page 61**).	0.5 mL serum and 1.0 mL EDTA whole blood. Serum in red top or serum separator tube, lavender top.	24 hours
SA1212	**GHP Chem with Lytes, SDMA, CBC, and T4** GHP Chemistry with Lytes and SDMA, CBC, and Total T4 A chemistry panel containing electrolytes (without AST, CPK, GGT, triglycerides, PSL), a Complete Blood Count (CBC), total T4, and SDMA for glomerular filtration rate estimation (**T1035, page 61**). **Interferences:** T4 evaluation can be affected in a hemolyzed or moderately lipemic sample. Lipemia can falsely decrease T4 results. Lipemia can falsely elevate TSH results.	0.5 mL serum and 1.0 mL EDTA whole blood. Serum in red top or serum separator tube, lavender top.	24 hours

CODE	TEST NAME | DESCRIPTION | COMPONENTS	SPECIMEN	TAT*
SA1214	**GHP Chem with Lytes, SDMA, CBC, T4, and UA** GHP Chemistry with Lytes and SDMA, CBC, Total T4, Urinalysis A complete minimum database (**SA1202, page 58** (chemistry panel with SDMA), a Complete Blood Count (CBC), and Urinalysis (UA)), and Total T4. **Interferences:** T4 evaluation can be affected in a hemolyzed or moderately lipemic sample. Lipemia can falsely decrease T4 results. Lipemia can falsely elevate TSH results.	0.5 mL serum, 1.0 mL EDTA whole blood, and 6.0 mL urine. Serum in red top or serum separator tube, lavender top, urine transport tube.	24 hours
SA1104	**GHP Chemistry with SDMA and CBC** A chemistry profile (without electrolytes (sodium, potassium chloride), AST, CPK, GGT, triglycerides, PSL), a Complete Blood Count (CBC), and SDMA for glomerular filtration rate estimation (**T1035, page 61**).	0.5 mL serum and 1.0 mL EDTA whole blood. Serum in red top or serum separator tube, lavender top.	25 hours
SA1108	**GHP Chem with SDMA, CBC, and T4** GHP Chem (Total Protein, Albumin, Globulin, ALT (SGPT), Alk Phos, T Bilirubin, BUN, Creatinine, Phosphorus, Glucose, Calcium, Cholesterol, Amylase) with SDMA, CBC, and T4. A chemistry profile (without electrolytes (sodium, potassium chloride), AST, CPK, GGT, triglycerides, PSL), a Complete Blood Count (CBC), total T4, and SDMA for glomerular filtration rate estimation (**T1035, page 61**). **Interferences:** T4 evaluation can be affected in a hemolyzed or moderately lipemic sample. Lipemia can falsely decrease T4 results. Lipemia can falsely elevate TSH results.	0.5 mL serum and 1.0 mL EDTA whole blood. Serum in red top or serum separator tube, lavender top.	24 hours
SA1114	**GHP Chem with SDMA, CBC, T4, and UA** GHP Chemistries with SDMA, CBC, T4, Urinalysis A minimum database (chemistry with SDMA (**SA1102, page 58**), a Complete Blood Count (CBC), and Urinalysis (UA)), and Total T4. **Interferences:** T4 evaluation can be affected in a hemolyzed or moderately lipemic sample. Lipemia can falsely decrease T4 results. Lipemia can falsely elevate TSH results.	0.5 mL serum, 1.0 mL EDTA whole blood, and 6.0 mL urine. Serum in red top or serum separator tube, lavender top, urine transport tube.	24 hours
SA1210	**GHP with Lytes, SDMA, CBC, and UA** GHP Chemistries w/Lytes and SDMA, CBC, Urinalysis A complete minimum database (**SA1202, page 58** (chemistry panel with SDMA), a Complete Blood Count (CBC), and Urinalysis (UA)).	0.5 mL serum, 1.0 mL EDTA whole blood, and 6.0 mL urine. Serum in red top or serum separator tube, lavender top, urine transport tube.	24 hours
SA235	**Hyperthyroid Feline with SDMA** The most comprehensive chemistry profile (Superchemistry with SDMA (**SA010, page 61**)), a Complete Blood Count (CBC), Total T4, and FT4 ED.	1.0 mL serum and 1.0 mL EDTA whole blood. Serum in red top or serum separator tube, lavender top.	1-3 days

CODE	TEST NAME	DESCRIPTION	COMPONENTS	SPECIMEN	TAT*
SA805	**Hyperthyroid Panel (with GGT), SDMA** CBC, T4, Nsaid Chemistries w/GGT AST (SGOT), ALT (SGPT), Alk Phos, BUN, Creatinine GGT A useful panel to evaluate the response to methimazole after a full minimum database has been run to make the initial diagnosis of hyperthyroidism. Includes an abbreviated chemistry (crea, BUN, AST, ALT, ALP and GGT), Complete Blood Count (CBC), total T4, and SDMA. **Interferences:** T4 evaluation can be affected in a hemolyzed or moderately lipemic sample. Lipemia can falsely decrease T4 results. Lipemia can falsely elevate TSH results.	1.0 mL serum and 1.0 mL EDTA whole blood. Serum in red top or serum separator tube, lavender top.	24 hours
SA805G	**Hyperthyroid Panel with Glucose, SDMA** Nsaid Chemistries with Glucose, CBC, and T4 A useful panel to evaluate the response to methimazole after a full minimum database has been run to make the initial diagnosis of hyperthyroidism. Includes an abbreviated chemistry, Complete Blood Count (CBC), total T4, and SDMA. **Interferences:** T4 evaluation can be affected in a hemolyzed or moderately lipemic sample. Lipemia can falsely decrease T4 results. Lipemia can falsely elevate TSH results.	1.0 mL serum and 1.0 mL EDTA whole blood. Serum in red top or serum separator tube, lavender top.	24 hours
SA440	**Hyperthyroid Panel with SDMA** Nsaid Chemistries AST (SGOT), ALT (SGPT), Alk Phos, BUN, Creatinine, CBC, T4 A useful panel to evaluate the response to methimazole after a full minimum database has been run to make the initial diagnosis of hyperthyroidism. Includes an abbreviated chemistry (crea, BUN, AST, ALT, ALP), Complete Blood Count (CBC), total T4, and SDMA. **Interferences:** T4 evaluation can be affected in a hemolyzed or moderately lipemic sample. Lipemia can falsely decrease T4 results. Lipemia can falsely elevate TSH results.	1.0 mL serum and 1.0 mL EDTA whole blood. Serum in red top or serum separator tube, lavender top.	24 hours
SA328	**Liver Chemistry, CBC with Phenobarbital** A liver chemistry panel (**SA324, page 59**), a Complete Blood Count (CBC), and phenobarbital level.	0.5 mL serum in red top tube and 1.0 mL EDTA whole blood. Serum in red top tube, lavender top.	1-2 days
SA327	**Liver Chemistry, CBC** A liver chemistry panel (**SA326, page 59**) to which a Complete Blood Count (CBC) has been added.	0.5 mL serum and 1.0 mL EDTA whole blood. Serum in red top or serum separator tube, lavender top.	24 hours Performed each shift
SA1502	**Liver Profile** Chemistry Panel 112 (Total Protein, Albumin, Globulin, A/G Ratio, AST (SGOT), ALT (SGPT), ALK, Total Bilirubin, BUN, Cholesterol) and CBC. A comprehensive liver chemistry which includes AST, ALT, ALP and parameters to assess synthetic capacity/function (albumin, globulin, A/G ratio, BUN, cholesterol, glucose, and bilirubin) and a Complete Blood Count (CBC).	0.5 mL serum in red top tube or serum separator tube. Serum in red top or serum separator tube, lavender top.	24 hours Performed each shift

CODE	TEST NAME	DESCRIPTION	COMPONENTS	SPECIMEN	TAT*
SA320	**Liver Profile Standard** Liver Chemistry, Complete Blood Count (CBC), Bile Acids (Pre and Post). A comprehensive liver panel (**SA324, page 59**), a Complete Blood Count (CBC) and pre/post bile acids (**T220, page 57**). **Interferences:** Marked hemolysis and lipemia. Ursodiol administration may cause bile acids to be increased. Consider withholding ursodiol for five days prior to testing.	0.5 mL serum for resting and post-prandial samples (fasted sample labeled Pre and 2-hour post sample labeled Post) and 1.0 mL EDTA whole blood. 2 serum in red top or serum separator tubes (pre and post), lavender top	1-2 days
SA1004	**Mini Early Detection Chem with SDMA and CBC** Mini Early Detection Chemistries (Total Protein, ALT (SGPT), ALK PHOS, BUN, Creatinine, Glucose) with SDMA and CBC. A chemistry (TP, ALT, ALP, BUN, creatinine, and glucose), Complete Blood Count (CBC), and SDMA.	0.5 mL serum and 1.0 mL EDTA whole blood. Serum in red top or serum separator tube, lavender top.	24 hours
SA1010	**Mini Early Detection Chem with SDMA, CBC, O&P, and Heartworm** Mini Early Detection Chemistries (Total Protein, ALT (SGPT), ALK PHOS, BUN, Creatinine, Glucose) with SDMA, CBC, Heartworm Antigen, and Ova and Parasite (O&P) with Centrifugation. A chemistry (TP, ALT, ALP, BUN, creatinine, and glucose), Complete Blood Count (CBC), heartworm antigen detection, SDMA, and fecal analysis via zinc sulfate centrifugation/flotation for Ova and Parasite (O&P) detection.	0.5 mL serum, 1.0 mL EDTA whole blood, and 5.0 grams of feces. Serum in red top or serum separator tube, lavender top, ANTECH™ provided fecal container	1-2 days
SA070	**MiniScreen with CBC** MiniScreen 4 Chemistries, CBC MiniScreen chemistry (**SA060, page 60**) and a Complete Blood Count (CBC).	0.5 mL serum and 1.0 mL EDTA whole blood. Serum in red top or serum separator tube, lavender top.	24 hours Performed each shift
SA072	**MiniScreen with SDMA and CBC** MiniScreen 11 chemistries (Total Protein, Albumin, Globulin, A/G Ratio, ALT (SGPT), Alkaline Phosphatase, Total Bilirubin, BUN, Creatinine, BUN/Creat Ratio, Glucose) and CBC. A comprehensive chemistry with SDMA (**SA071, page 59**) and a Complete Blood Count (CBC).	0.5 mL serum and 1.0 mL EDTA whole blood. Serum in red top or serum separator tube, lavender top.	24 hours Performed each shift
SA1519	**MiniScreen with SDMA, T4** MiniScreen 4 Chemistries, CBC, and T4. A comprehensive chemistry with SDMA (D4C), a Complete Blood Count (CBC), and Total T4. **Interferences:** T4 evaluation can be affected in a hemolyzed or moderately lipemic sample. Lipemia can falsely decrease T4 results. Lipemia can falsely elevate TSH results.	0.5 mL serum and 1.0 mL EDTA whole blood. Serum in red top or serum separator tube, lavender top.	24 hours Performed each shift

CODE	TEST NAME | DESCRIPTION | COMPONENTS	SPECIMEN	TAT*
SA810	**NSAID 1 with SDMA** Chemistry panel (Total Protein, ALT (SGPT), Alkaline Phosphatase, Total Bilirubin, BUN, Creatinine) with SDMA, CBC, and Urinalysis. A minimum database (chemistry with SDMA (**SA804, page 58**), a Complete Blood Count (CBC), and Urinalysis (UA)) limited to renal and liver values used to monitor a patient on NSAID therapy. **Interferences:** Marked hemolysis and lipemia.	0.5 mL serum, 1.0 mL EDTA whole blood, and 6.0 mL urine. Serum in red top or serum separator tube, lavender top, urine transport tube.	24 hours Performed each shift
SA815	**NSAID 2 with SDMA** Chemistry panel (Total Protein, ALT (SGPT), Alkaline Phosphatase, Total Bilirubin, BUN, Creatinine) with SDMA, CBC, Urinalysis, and Bile Acids. A minimum database (chemistry with SDMA (**SA804, page 58**), a Complete Blood Count (CBC), and Urinalysis (UA)) and a single bile acids test. **Interferences:** Marked hemolysis and lipemia. Ursodeoxycholic acid may be detected by bile acid assay causing falsely elevated values.	0.5 mL serum, 1.0 mL EDTA whole blood, and 6.0 mL urine. Serum in red top or serum separator tube, lavender top, urine transport tube.	1-2 days
SA820	**NSAID 3 with SDMA** Chemistry panel (Total Protein, ALT (SGPT), Alkaline Phosphatase, Total Bilirubin, BUN, Creatinine) with SDMA, CBC, Urinalysis, and Urine Bile Acid: Creatinine Ratio. A minimum database (chemistry with SDMA (**SA804, page 58**), a Complete Blood Count (CBC), and Urinalysis (UA)) and a urine bile acid: creatinine ratio (**T227, page 63**). **Interferences:** Marked hemolysis and lipemia.	0.5 mL serum, 1.0 mL EDTA whole blood, and 6.0 mL urine. Serum in red top or serum separator tube, lavender top, urine transport tube.	1-2 days
SA054	**Pre-op Panel Plus with Lytes, SDMA** Pre-op Chemistries with Electrolytes, SDMA, CBC, PT, and aPTT A chemistry with electrolytes and SDMA (**SA043, page 60**), Complete Blood Count (CBC), prothrombin time, and partial thromboplastin time. **Interferences:** Marked hemolysis and lipemia.	0.5 mL serum, 1.0 mL EDTA whole blood and 0.5 mL of citrated plasma. Serum in red top or serum separator tube, lavender top, citrated plasma (blue top)	24 hours
SA050	**Pre-op Panel Plus with SDMA** Pre-op screen with SDMA, CBC, PT and aPTT. A smaller chemistry profile with SDMA (**SA040, page 60**), a Complete Blood Count (CBC), prothrombin time, and partial thromboplastin time. **Interferences:** Marked hemolysis and lipemia. Ensure that the submission of a blue top tube that has been appropriately filled to the designated mark.	0.5 mL serum, 1.0 mL EDTA whole blood and 0.5 mL of citrated plasma. Serum in red top or serum separator tube, lavender top, citrated plasma (blue top)	24 hours
SA053	**Pre-op Panel with Electrolytes, SDMA, and UA** Pre op chemistry with Electrolytes, SDMA, CBC, and UA. A minimum database that includes a smaller chemistry with SDMA (**SA043, page 60**), a Complete Blood Count (CBC) and Urinalysis (UA). **Interferences:** Marked hemolysis and lipemia.	0.5 mL serum, 1.0 mL EDTA whole blood and 6.0 mL urine. Serum in red top or serum separator tube, lavender top, urine transport tube	24 hours

CODE	TEST NAME | DESCRIPTION | COMPONENTS	SPECIMEN	TAT*
SA920	**Pre-op Panel with SDMA, T4, and UA** Pre-op screen with SDMA, CBC, T4, and UA. A minimum database (smaller chemistry profile with SDMA (**SA040, page 60**), a Complete Blood Count (CBC), Urinalysis (UA)) and Total T4. **Interferences:** T4 evaluation can be affected in a hemolyzed or moderately lipemic sample. Lipemia can falsely decrease T4 results. Lipemia can falsely elevate TSH results.	0.5 mL serum, 1.0 mL EDTA whole blood and 6.0 mL urine. Serum in red top or serum separator tube, lavender top, urine transport tube	24 hours
SA512	**Pre-op Plus with SDMA, CBC, and Heartworm** Pre-op screen with SDMA, CBC, PT, PTT, and Heartworm Antigen. A smaller chemistry profile with SDMA (**SA040, page 60**), Complete Blood Count (CBC), heartworm antigen detection, and prothrombin time and partial thromboplastin time. **Interferences:** Marked hemolysis and lipemia.	1.0 mL serum, 1.0 mL EDTA whole blood and 0.5 mL of citrated plasma. Serum in red top or serum separator tube, lavender top, citrated plasma (blue top)	1-2 days
SA510	**Pre-op Plus with SDMA, CBC, FeLV, and FIV** Pre-op screen with SDMA, CBC, PT, PTT, FIV, and FeLV. A smaller chemistry profile with SDMA (**SA040, page 60**), Complete Blood Count (CBC), FeLV antigen and FIV antibody detection, and prothrombin and partial thromboplastin time. **Interferences:** Marked hemolysis or lipemia may result in false positive results on the FeLV Antigen ELISA.	0.75 mL serum and 1.0 mL EDTA whole blood. Serum in red top or serum separator tube, lavender top, citrated plasma (or blue top)	1-2 days
SA508	**Pre-op Screen with SDMA, CBC, and Total T4** A smaller chemistry profile with SDMA (**SA040, page 60**), a Complete Blood Count (CBC), and Total T4 (**T495, page 71**). **Interferences:** T4 evaluation can be affected in a hemolyzed or moderately lipemic sample. Lipemia can falsely decrease T4 results. Lipemia can falsely elevate TSH results.	0.5 mL serum and 1.0 mL EDTA whole blood. Serum in red top or serum separator tube, lavender top.	24 hours
SA514	**Pre-op Screen with SDMA, CBC, T4, FeLV, and FIV** SA508 to which FeLV antigen and FIV antibody detection has been added. **Interferences:** Marked hemolysis or lipemia may result in false positive results on the FeLV Antigen ELISA.	0.75 mL serum and 1.0 mL EDTA whole blood. Serum in red top or serum separator tube, lavender top.	1-2 days
SA052	**Pre-op Screen with SDMA, CBC, and UA** A minimum database including smaller chemistry profile with SDMA (**SA040, page 60**), a Complete Blood Count (CBC), and Urinalysis (UA). **Interferences:** Marked hemolysis and lipemia.	0.5 mL serum, 1.0 mL EDTA whole blood and 6.0 mL urine. Serum in red top or serum separator tube, lavender top, urine transport tube	24 hours Performed each shift

CODE	TEST NAME	DESCRIPTION	COMPONENTS	SPECIMEN	TAT*
SA516	**Pre-op Screen with Electrolytes, SDMA, and CBC** A smaller chemistry profile which includes electrolytes and SDMA (**SA043, page 60**) and a Complete Blood Count (CBC). **Interferences:** Marked hemolysis and lipemia.			0.5 mL serum and 1.0 mL EDTA whole blood. Serum in red top or serum separator tube, lavender top.	24 hours Performed each shift
SA055	**Pre-op Screen with SDMA and CBC** A smaller chemistry profile with SDMA (**SA040, page 60**) and a Complete Blood Count (CBC). **Interferences:** Marked hemolysis and lipemia.			0.5 mL serum and 1.0 mL EDTA whole blood. Serum in red top or serum separator tube, lavender top.	24 hours Performed each shift
RECHECK	**Recheck Profile Standard with SDMA** Superchem with SDMA and CBC. This is a Superchemistry with SDMA (**SA010, page 61**) and Complete Blood Count (CBC) submitted within 30 days of a previous accession to assess/monitor trends in values. **Interferences:** Marked hemolysis and lipemia.			0.5 mL serum and 1.0 mL EDTA whole blood. Serum in red top or serum separator tube, lavender top.	24 hours Performed each shift
RECHECK2	**Recheck Profile Vet screen with SDMA and CBC** Vet screen with SDMA and CBC. This is a vet screen chemistry with SDMA (**SA025, page 61**) and Complete Blood Count (CBC) submitted within 30 days of a previous accession to assess/monitor trends in values. **Interferences:** Marked hemolysis and lipemia.			0.5 mL serum and 1.0 mL EDTA whole blood. Serum in red top or serum separator tube, lavender top.	24 hours Performed each shift
SA313	**Renal Profile Standard with SDMA** Chemistry Renal Profile with SDMA and CBC. A chemistry panel (total protein, albumin, globulin, BUN, creatinine, phosphorous, calcium, sodium, and potassium) with SDMA and a Complete Blood Count (CBC). **Interferences:** Marked hemolysis and lipemia.			0.5 mL serum and 1.0 mL EDTA whole blood. Serum in red top or serum separator tube, lavender top.	24 hours Performed each shift
SA310	**Renal Profile with SDMA** Chemistry Renal Profile with SDMA, CBC, and UA. A minimum database including a chemistry profile with SDMA (**T7008, page 58**), a Complete Blood Count (CBC), and Urinalysis (UA). **Interferences:** Marked hemolysis and lipemia.			0.5 mL serum, 1.0 mL EDTA whole blood, and 6.0 mL urine. Serum in red top or serum separator tube, lavender top, urine transport tube.	24 hours Performed each shift
SA724	**Superchem with SDMA, CBC, T4, FeLV, FIV, Heartworm Antibody** Superchem with SDMA, CBC, Total T4, FeLV, FIV, and Heartworm Antibody, Feline The most comprehensive chemistry with SDMA (**SA010, page 61**), a Complete Blood Count (CBC), total T4, FeLV antigen, and FIV and heartworm antibody detection. **Interferences:** T4 evaluation can be affected in a hemolyzed or moderately lipemic sample. Lipemia can falsely decrease T4 results. Lipemia can falsely elevate TSH results.			1.5 mL serum and 1.0 mL EDTA whole blood. Serum in red top or serum separator tube, lavender top.	1-2 days

CODE	TEST NAME | DESCRIPTION | COMPONENTS	SPECIMEN	TAT*
SA098	**Superchem with SDMA, CBC, T4, FT4ED, Heartworm** Superchem with SDMA, CBC, Total T4, Free T4 by ED, and Heartworm Antigen The most comprehensive chemistry with SDMA (**SA010, page 61**), a Complete Blood Count (CBC), a thyroid screening panel (T4, FT4 ED) and heartworm antigen detection. **Interferences:** T4 evaluation can be affected in a hemolyzed or moderately lipemic sample. Lipemia can falsely decrease T4 results. Lipemia can falsely elevate TSH results.	1.5 mL serum and 1.0 mL EDTA whole blood. Serum in red top or serum separator tube, lavender top.	1-3 days
SA712	**Senior Care Basic Plus Profile with SDMA** Superchem with SDMA, CBC, Total T4, Urinalysis, and Urine Protein/Creatinine Ratio. The most comprehensive minimum database (Superchemistry with SDMA (**SA010, page 61**), Complete Blood Count (CBC) and Urinalysis (UA)), a total T4, and urine protein to creatinine ratio (**T775, page 64**). **Interferences:** T4 evaluation can be affected in a hemolyzed or moderately lipemic sample. Lipemia can falsely decrease T4 results. Lipemia can falsely elevate TSH results.	0.5 mL serum and 1.0 mL EDTA whole blood. Serum in red top or serum separator tube, lavender top.	24 hours
SA080	**Senior Comprehensive Plus with SDMA** Superchem with SDMA, CBC, Total T4, Free T4 by ED, and TSH. The most comprehensive chemistry panel with SDMA (**SA010, page 61**), a Complete Blood Count (CBC), and thyroid panel (T4, FT4 ED, and TSH). **Interferences:** T4 evaluation can be affected in a hemolyzed or moderately lipemic sample. Lipemia can falsely decrease T4 results. Lipemia can falsely elevate TSH results.	1.5 mL serum and 1.0 mL EDTA whole blood. Serum in red top or serum separator tube, lavender top.	1-3 days
SA090	**Senior Comprehensive with SDMA** Superchem with SDMA, CBC, Total T4, and Free T4 by ED. The most comprehensive chemistry panel with SDMA (**SA010, page 61**), a Complete Blood Count (CBC), and thyroid panel (T4 and FT4 ED). **Interferences:** T4 evaluation can be affected in a hemolyzed or moderately lipemic sample. Lipemia can falsely decrease T4 results. Lipemia can falsely elevate TSH results.	1.0 mL serum and 1.0 mL EDTA whole blood. Serum in red top or serum separator tube, lavender top.	1-3 days
SA086	**Senior Comprehensive with SDMA, D.Bilirubin, I.Bilirubin, Anion, and Osmolality** Superchem with Direct and Indirect Bilirubin and SDMA, Anion gap, Osmolality, CBC, Total T4, and Free T4 by ED. The most comprehensive chemistry with SDMA (**SA010, page 61**) to which indirect bilirubin, direct bilirubin, anion gap, serum osmolality has been added, a Complete Blood Count (CBC), and thyroid panel (T4 and FT4 ED). **Interferences:** T4 evaluation can be affected in a hemolyzed or moderately lipemic sample. Lipemia can falsely decrease T4 results. Lipemia can falsely elevate TSH results.	1.0 mL serum and 1.0 mL EDTA whole blood. Serum in red top or serum separator tube, lavender top.	1-3 days
SA740	**Senior Feline Plus with SDMA** Superchem with SDMA, CBC, Total T4, FeLV, FIV Antibody, Urinalysis, and O&P with Centrifugation. The most comprehensive minimum database (Superchemistry with SDMA (**SA010, page 61**), a Complete Blood Count (CBC), and Urinalysis (UA)), a Total T4, FeLV antigen and FIV antibody detection, and fecal analysis using zinc sulfate centrifugation/flotation for Ova and Parasite (O&P) detection. **Interferences:** T4 evaluation can be affected in a hemolyzed or moderately lipemic sample. Lipemia can falsely decrease T4 results. Lipemia can falsely elevate TSH results.	1.0 mL serum, 1.0 mL EDTA whole blood, 6.0 mL urine, and 5.0 grams of feces. Serum in red top or serum separator tube, lavender top, urine transport tube, ANTECH™ provided fecal container	1-2 days

CODE	TEST NAME | DESCRIPTION | COMPONENTS	SPECIMEN	TAT*
SA755	**Senior Panel 2 with SDMA and O&P** Superchem with SDMA, CBC, T4, Urinalysis, Free T4 by ED, and O&P with Centrifugation. The most comprehensive minimum database (Superchemistry with SDMA (**SA010, page 61**), a Complete Blood Count (CBC), and Urinalysis (UA)), thyroid panel (T4 and FT4 ED), and fecal analysis using zinc sulfate centrifugation/flotation for Ova and Parasite (O&P) detection. **Interferences:** T4 evaluation can be affected in a hemolyzed or moderately lipemic sample. Lipemia can falsely decrease T4 results. Lipemia can falsely elevate TSH results.	1.0 mL serum, 1.0 mL EDTA whole blood, 6.0 mL urine, and 5.0 grams of feces. Serum in red top or serum separator tube, lavender top, urine transport tube, ANTECH™ provided fecal container.	1-3 days
SA746	**Senior Panel 2 with SDMA and UMIC** Superchem with SDMA, CBC, T4, Urinalysis, Free T4 by ED, and Urine Culture. The most comprehensive minimum database (Superchemistry with SDMA (**SA010, page 61**), a Complete Blood Count (CBC), and Urinalysis (UA)), thyroid panel (T4 and FT4 ED), and urine culture. **Interferences:** T4 evaluation can be affected in a hemolyzed or moderately lipemic sample. Lipemia can falsely decrease T4 results. Lipemia can falsely elevate TSH results.	1.0 mL serum, 1.0 mL EDTA whole blood, and 7.0 mL urine. Serum in red top or serum separator tube, lavender top, urine transport tube.	1-3 days
SA760	**Senior Panel 2 with SDMA and Vaccine Titers** Superchem with SDMA, CBC, T4, Urinalysis, Free T4 by ED, and Distemper/Parvo Vaccinal Titer. The most comprehensive minimum database (Superchemistry with SDMA (**SA010, page 61**), a Complete Blood Count (CBC), and Urinalysis (UA)), thyroid panel (T4 and FT4 ED), and Distemper/Parvovirus vaccine titer (**T565, page 113**). **Interferences:** T4 evaluation can be affected in a hemolyzed or moderately lipemic sample. Lipemia can falsely decrease T4 results. Lipemia can falsely elevate TSH results.	1.5 mL serum, 1.0 mL EDTA whole blood, and 6.0 mL urine. Serum in red top or serum separator tube, lavender top, urine transport tube.	1-3 days
SA954	**Senior Profile 1 with SDMA, Feline Heartworm Ab, FeLV, FIV, and Fecal Combo** Superchem with SDMA, CBC, T4, Urinalysis, Heartworm Antibody, Feline, FeLV, FIV Antibody, and Ova and Parasite (O&P) with Centrifugation and *Giardia*. The most comprehensive minimum database (Superchemistry with SDMA (**SA010, page 61**), a Complete Blood Count (CBC), and Urinalysis (UA)), Total T4, FeLV antigen detection, FIV and heartworm antibody detection, and fecal analysis using zinc sulfate centrifugation/flotation and *Giardia* Ag ELISA for Ova and Parasite (O&P) detection. **Interferences:** T4 evaluation can be affected in a hemolyzed or moderately lipemic sample. Lipemia can falsely decrease T4 results. Lipemia can falsely elevate TSH results.	1.5 mL serum, 1.0 mL EDTA whole blood, 6.0 mL urine, and 6.0 grams of feces. Serum in red top or serum separator tube, lavender top, urine transport tube, ANTECH™ provided fecal container.	1-2 days
SA750	**Senior Profile 1 with SDMA and O&P** Superchem with SDMA, CBC, Total T4, Urinalysis, and Fecal Ova and Parasite (O&P) with Centrifugation. The most comprehensive minimum database (Superchemistry with SDMA (**SA010, page 61**), a Complete Blood Count (CBC), and Urinalysis (UA)), Total T4, and fecal analysis using zinc sulfate centrifugation/flotation for Ova and Parasite (O&P) detection. **Interferences:** T4 evaluation can be affected in a hemolyzed or moderately lipemic sample. Lipemia can falsely decrease T4 results. Lipemia can falsely elevate TSH results.	0.5 mL serum, 1.0 mL EDTA whole blood, 6.0 mL urine, and 5.0 grams of feces. Serum in red top or serum separator tube, lavender top, urine transport tube, ANTECH™ provided fecal container.	1-2 days

CODE	TEST NAME | DESCRIPTION | COMPONENTS	SPECIMEN	TAT*
SA741	**Senior Profile 1 with SDMA, Virals, and Fecal Combo** Superchem with SDMA, CBC, T4, Urinalysis, FeLV, FIV Antibody, and Ova and Parasite (O&P) with Centrifugation and *Giardia*. The most comprehensive minimum database (Superchemistry with SDMA (**SA010, page 61**), a Complete Blood Count (CBC), and Urinalysis (UA)), Total T4, FeLV antigen and FIV antibody detection, and fecal analysis using zinc sulfate centrifugation/flotation and *Giardia* Ag ELISA for Ova and Parasite (O&P) detection. **Interferences:** T4 evaluation can be affected in a hemolyzed or moderately lipemic sample. Lipemia can falsely decrease T4 results. Lipemia can falsely elevate TSH results.	1.0 mL serum, 1.0 mL EDTA whole blood, 6.0 mL urine, and 6.0 grams of feces. Serum in red top or serum separator tube, lavender top, urine transport tube, ANTECH™ provided fecal container.	1-2 days
SA705	**Senior Profile 1 with SDMA** Superchem with SDMA, CBC, Total T4, Urinalysis The most comprehensive minimum database (Superchemistry with SDMA (**SA010, page 61**), a Complete Blood Count (CBC), and Urinalysis (UA)) and Total T4. **Interferences:** T4 evaluation can be affected in a hemolyzed or moderately lipemic sample. Lipemia can falsely decrease T4 results. Lipemia can falsely elevate TSH results.	0.5 mL serum, 1.0 mL EDTA whole blood, and 6.0 mL urine. Serum in red top or serum separator tube, lavender top, urine transport tube.	24 hours
SA566	**Senior Profile 1 with SDMA, UMIC** Superchem with SDMA, CBC, Total T4, Urinalysis, Urine Culture The most comprehensive minimum database (Superchemistry with SDMA (**SA010, page 61**), a Complete Blood Count (CBC), and Urinalysis (UA)), a Total T4, and urine culture is added. **Interferences:** T4 evaluation can be affected in a hemolyzed or moderately lipemic sample. Lipemia can falsely decrease T4 results. Lipemia can falsely elevate TSH results.	1.0 mL serum, 1.0 mL EDTA whole blood, and 7.0 mL urine. Serum in red top or serum separator tube, lavender top, urine transport tube.	1-4 days
SA770	**Senior Profile 1 with SDMA, Fecal Combo** Superchem with SDMA, CBC, Total T4, Urinalysis, Fecal O&P with Centrifugation, *Giardia* The most comprehensive minimum database (Superchemistry with SDMA (**SA010, page 61**), a Complete Blood Count (CBC), and Urinalysis (UA)), Total T4, and fecal analysis using zinc sulfate centrifugation/flotation and *Giardia* Ag ELISA for Ova and Parasite (O&P) detection. **Interferences:** T4 evaluation can be affected in a hemolyzed or moderately lipemic sample. Lipemia can falsely decrease T4 results. Lipemia can falsely elevate TSH results.	0.5 mL serum, 1.0 mL EDTA whole blood, 6.0 mL urine, and 6.0 grams of feces. Serum in red top or serum separator tube, lavender top, urine transport tube, ANTECH™ provided fecal container.	1-2 days
SA719	**Senior Profile 1 with SDMA, Feline Heartworm Ag** Superchem with SDMA, CBC, T4, Urinalysis, Feline Heartworm Antigen The most comprehensive minimum database (Superchemistry with SDMA (**SA010, page 61**), a Complete Blood Count (CBC), and Urinalysis (UA)), Total T4, and heartworm antigen detection. **Interferences:** T4 evaluation can be affected in a hemolyzed or moderately lipemic sample. Lipemia can falsely decrease T4 results. Lipemia can falsely elevate TSH results.	1.0 mL serum, 1.0 mL EDTA whole blood, and 6.0 mL urine. Serum in red top or serum separator tube, lavender top, urine transport tube.	1-2 days
SA735	**Senior Profile 1 with SDMA, FT4ED, Heartworm** Superchem with SDMA, CBC, T4, Urinalysis, Free T4 by ED, Heartworm Antigen The most comprehensive minimum database (Superchemistry with SDMA (**SA010, page 61**), a Complete Blood Count (CBC), and Urinalysis (UA)), a thyroid panel (T4 and FT ED), and heartworm antigen detection. **Interferences:** T4 evaluation can be affected in a hemolyzed or moderately lipemic sample. Lipemia can falsely decrease T4 results. Lipemia can falsely elevate TSH results.	1.5 mL serum, 1.0 mL EDTA whole blood, and 6.0 mL urine. Serum in red top or serum separator tube, lavender top, urine transport tube.	1-3 days

CODE	TEST NAME | DESCRIPTION | COMPONENTS	SPECIMEN	TAT*
SA720	**Senior Profile 2 with SDMA** Superchem with SDMA, CBC, Total T4, Urinalysis, and Free T4 by ED The most comprehensive minimum database (Superchemistry with SDMA (**SA010, page 61**), a Complete Blood Count (CBC), and Urinalysis (UA)) and a thyroid panel (T4 and FT4 ED). **Interferences:** T4 evaluation can be affected in a hemolyzed or moderately lipemic sample. Lipemia can falsely decrease T4 results. Lipemia can falsely elevate TSH results.	1.0 mL serum, 1.0 mL EDTA whole blood, and 6.0 mL urine. Serum in red top or serum separator tube, lavender top, urine transport tube.	1-3 days
SA775	**Senior Profile 2 with SDMA, Fecal Combo** Superchem with SDMA, CBC, T4, Urinalysis, Free T4 by ED, and O&P with Centrifugation, *Giardia* The most comprehensive minimum database (Superchemistry with SDMA (**SA010, page 61**), a Complete Blood Count (CBC), and Urinalysis (UA)), a thyroid panel (T4 and FT4 ED), and fecal analysis using zinc sulfate centrifugation/flotation and *Giardia* Ag ELISA for Ova and Parasite (O&P) detection. **Interferences:** T4 evaluation can be affected in a hemolyzed or moderately lipemic sample. Lipemia can falsely decrease T4 results. Lipemia can falsely elevate TSH results.	1.0 mL serum, 1.0 mL EDTA whole blood, 6.0 mL urine, and 6.0 grams of feces. Serum in red top or serum separator tube, lavender top, urine transport tube, ANTECH™ provided fecal container.	1-3 days
SA766	**Senior Profile 2 with SDMA, Fel Heartworm Ab** Superchem with SDMA, CBC, T4, Urinalysis, Free T4 by ED, and Feline Heartworm Antibody The most comprehensive minimum database (Superchemistry with SDMA (**SA010, page 61**), a Complete Blood Count (CBC), and Urinalysis (UA)), a thyroid panel (T4 and FT4 ED), and heartworm antibody detection. **Interferences:** T4 evaluation can be affected in a hemolyzed or moderately lipemic sample. Lipemia can falsely decrease T4 results. Lipemia can falsely elevate TSH results.	1.0 mL serum, 1.0 mL EDTA whole blood, and 6.0 mL urine. Serum in red top or serum separator tube, lavender top, urine transport tube.	1-3 days
SA780	**Senior Profile 2 with SDMA, FeLV, FIV** Superchem with SDMA, CBC, T4, Urinalysis, Free T4 by ED, FIV, and FeLV The most comprehensive minimum database (Superchemistry with SDMA (**SA010, page 61**), a Complete Blood Count (CBC), and Urinalysis (UA)), a thyroid panel (T4 and FT4 ED), FeLV antigen and FIV antibody detection. **Interferences:** Marked hemolysis or lipemia may result in false positive results on the FeLV Antigen ELISA.	1.25 mL serum, 1.0 mL EDTA whole blood, and 6.0 mL urine. Serum in red top or serum separator tube, lavender top, urine transport tube.	1-3 days
SA790	**Senior Profile 2 with SDMA, O&P, Fel Heartworm Ab** Superchem with SDMA, CBC, T4, Urinalysis, Free T4 by ED, O&P with Centrifugation, Feline Heartworm Antibody The most comprehensive minimum database (Superchemistry with SDMA (**SA010, page 61**), a Complete Blood Count (CBC), and Urinalysis (UA)), a thyroid panel (T4 and FT4 ED), heartworm antibody detection, and fecal analysis using zinc sulfate centrifugation/flotation for Ova and Parasite (O&P) detection. **Interferences:** T4 evaluation can be affected in a hemolyzed or moderately lipemic sample. Lipemia can falsely decrease T4 results. Lipemia can falsely elevate TSH results.	1.5 mL serum, 1.0 mL EDTA whole blood, 6.0 mL urine, and 5.0 grams of feces. Serum in red top or serum separator tube, lavender top, urine transport tube, ANTECH™ provided fecal container.	1-3 days

CODE	TEST NAME | DESCRIPTION | COMPONENTS	SPECIMEN	TAT*
SA762	**Senior Profile 2 with SDMA, O&P, Heartworm** Superchem with SDMA, CBC, T4, Urinalysis, Free T4 by ED, Heartworm Antigen, and O&P with Centrifugation The most comprehensive minimum database (Superchemistry with SDMA (**SA010, page 61**), a Complete Blood Count (CBC), and Urinalysis (UA)), a thyroid panel (T4 and FT4 ED), heartworm antigen detection, and fecal analysis using zinc sulfate centrifugation/flotation for Ova and Parasite (O&P) detection. **Interferences:** T4 evaluation can be affected in a hemolyzed or moderately lipemic sample. Lipemia can falsely decrease T4 results. Lipemia can falsely elevate TSH results.	1.5 mL serum, 1.0 mL EDTA whole blood, 6.0 mL urine, and 5.0 grams of feces. Serum in red top or serum separator tube, lavender top, urine transport tube, ANTECH™ provided fecal container.	1-3 days
SA730	**Senior Profile with SDMA, Vaccine Titers** Superchem with SDMA, CBC, T4, Urinalysis, and Distemper/Parvo Vaccinal Titer The most comprehensive minimum database (Superchemistry with SDMA (**SA010, page 61**), a Complete Blood Count (CBC), and Urinalysis (UA)), Total T4, and Distemper/Parvovirus vaccine titer. **Interferences:** T4 evaluation can be affected in a hemolyzed or moderately lipemic sample. Lipemia can falsely decrease T4 results. Lipemia can falsely elevate TSH results.	1.0 mL serum, 1.0 mL EDTA whole blood, and 6.0 mL urine. Serum in red top or serum separator tube, lavender top, urine transport tube.	1-3 days
SA768	**Senior Profile with SDMA, Feline Heartworm Ab, Fecal Combo** Superchem with SDMA, CBC, T4, Urinalysis, Feline Heartworm Antibody, and O&P with Centrifugation, *Giardia* The most comprehensive minimum database (Superchemistry with SDMA (**SA010, page 61**), a Complete Blood Count (CBC), and Urinalysis (UA)), Total T4, heartworm antibody detection, and fecal analysis using zinc sulfate centrifugation/flotation and *Giardia* Ag ELISA for Ova and Parasite (O&P) detection. **Interferences:** T4 evaluation can be affected in a hemolyzed or moderately lipemic sample. Lipemia can falsely decrease T4 results. Lipemia can falsely elevate TSH results.	0.75 mL serum, 1.0 mL EDTA whole blood, 6.0 mL urine, and 6.0 grams of feces. Serum in red top or serum separator tube, lavender top, urine transport tube, ANTECH™ provided fecal container.	1-2 days
SA725	**Senior Profile with SDMA, Panleukopenia** Superchem with SDMA, CBC, T4, Urinalysis, and Panleukopenia Vaccine Titer (Feline Only) The most comprehensive minimum database (Superchemistry with SDMA (**SA010, page 61**), a Complete Blood Count (CBC), and Urinalysis (UA)), Total T4, and Panleukopenia vaccine titer. **Interferences:** T4 evaluation can be affected in a hemolyzed or moderately lipemic sample. Lipemia can falsely decrease T4 results. Lipemia can falsely elevate TSH results.	1.0 mL serum, 1.0 mL EDTA whole blood, and 6.0 mL urine. Serum in red top or serum separator tube, lavender top, urine transport tube.	1-5 days
SA745	**Senior Super Plus with SDMA** Superchem with SDMA, CBC, Total T4, Urinalysis, Heartworm Antigen, and Fecal Ova and Parasite (O&P) with Centrifugation. The most comprehensive minimum database (Superchemistry with SDMA (**SA010, page 61**), a Complete Blood Count (CBC), and Urinalysis (UA)), Total T4, heartworm antigen detection test, and fecal analysis using zinc sulfate centrifugation/flotation for Ova and Parasite (O&P) detection. **Interferences:** T4 evaluation can be affected in a hemolyzed or moderately lipemic sample. Lipemia can falsely decrease T4 results. Lipemia can falsely elevate TSH results.	1.0 mL serum, 1.0 mL EDTA whole blood, 6.0 mL urine, and 5.0 grams of feces. Serum in red top or serum separator tube, lavender top, urine transport tube, ANTECH™ provided fecal container.	1-2 days

CODE	TEST NAME | DESCRIPTION | COMPONENTS	SPECIMEN	TAT*
SA764	**Senior Wellness with SDMA, Feline Heartworm Ab, and O&P** Superchem with SDMA, CBC, T4, Urinalysis, Feline Heartworm Antibody, O&P with Centrifugation The most comprehensive minimum database (Superchemistry with SDMA (**SA010, page 61**), a Complete Blood Count (CBC), and Urinalysis (UA)), Total T4, heartworm antibody detection, and fecal analysis using zinc sulfate centrifugation/flotation for Ova and Parasite (O&P) detection. **Interferences:** T4 evaluation can be affected in a hemolyzed or moderately lipemic sample. Lipemia can falsely decrease T4 results. Lipemia can falsely elevate TSH results.	1.0 mL serum, 1.0 mL EDTA whole blood, 6.0 mL urine, and 5.0 grams of feces. Serum in red top or serum separator tube, lavender top, urine transport tube, ANTECH™ provided fecal container.	1-2 days
SA081	**Senior Comprehensive Plus with SDMA and UA** Superchem with SDMA, CBC, T4, Urinalysis, Free T4 by ED, and TSH The most comprehensive minimum database (Superchemistry with SDMA (**SA010, page 61**), a Complete Blood Count (CBC), and Urinalysis (UA)), and thyroid panel (T4, FT4 ED, and TSH). **Interferences:** T4 evaluation can be affected in a hemolyzed or moderately lipemic sample. Lipemia can falsely decrease T4 results. Lipemia can falsely elevate TSH results.	1.25 mL serum, 1.0 mL EDTA whole blood, and 6.0 mL urine. Serum in red top or serum separator tube, lavender top, urine transport tube.	1-3 days
SA784	**Senior Comprehensive with SDMA, Heartworm, UA, and UPCR** Superchem with SDMA, CBC, T4, Urinalysis, Free T4 by ED, Heartworm Antigen, and Protein/Creatinine Ratio The most comprehensive minimum database (Superchemistry with SDMA (**SA010, page 61**), a Complete Blood Count (CBC), and Urinalysis (UA)), thyroid panel (T4, FT4 ED), heartworm antigen detection, and urine protein to creatinine ratio. **Interferences:** T4 evaluation can be affected in a hemolyzed or moderately lipemic sample. Lipemia can falsely decrease T4 results. Lipemia can falsely elevate TSH results.	1.5 mL serum, 1.0 mL EDTA whole blood, and 6.5 mL urine. Serum in red top or serum separator tube, lavender top, urine transport tube.	1-3 days
SA715	**Senior Profile 1 with SDMA, Virals, and Feline Heartworm Ab** Superchem with SDMA, CBC, Total T4, Urinalysis, FeLV, FIV, Feline Heartworm Antibody The most comprehensive minimum database (Superchemistry with SDMA (**SA010, page 61**), a Complete Blood Count (CBC), and Urinalysis (UA)), Total T4, FeLV antigen, FIV and heartworm antibody detection. **Interferences:** Marked hemolysis or lipemia may result in false positive results on the FeLV Antigen ELISA.	1.5 mL serum, 1.0 mL EDTA whole blood, and 6.0 mL urine. Serum in red top or serum separator tube, lavender top, urine transport tube.	1-2 days
SA1601	**Superchem with SDMA, CBC, and Free T4 ED** The most comprehensive chemistry profile (Superchemistry with SDMA (**SA010, page 61**)), a Complete Blood Count (CBC) and FT4 ED. **Interferences:** T4 evaluation can be affected in a hemolyzed or moderately lipemic sample. Lipemia can falsely decrease T4 results. Lipemia can falsely elevate TSH results.	1.0 mL serum and 1.0 mL EDTA whole blood. Serum in red top or serum separator tube, lavender top.	1-3 days
SA020	**Superchem with SDMA and CBC** The most comprehensive chemistry profile which includes SDMA for estimation of the glomerular filtration rate (**T1035, page 61**) and a Complete Blood Count (CBC). **Interferences:** Marked hemolysis and lipemia.	0.5 mL serum and 1.0 mL EDTA whole blood. Serum in red top or serum separator tube, lavender top.	24 hours

CODE	TEST NAME	DESCRIPTION	COMPONENTS	SPECIMEN	TAT*
SA028	**Superchem with SDMA, CBC, and Heartworm Antigen** The most comprehensive chemistry with SDMA (**SA010, page 61**), a Complete Blood Count (CBC) and heart worm antigen detection. **Interferences:** Marked hemolysis and lipemia.			0.75 mL serum and 1.0 mL EDTA whole blood. Serum in red top or serum separator tube, lavender top.	1-2 days
SA450	**Superchem with SDMA, CBC, and Thyroid Panel (T3, T4, FT4 ED, TSH, TGAA)** Superchem with SDMA, CBC, T4, T3, FreeT4 by ED, TSH, and Thyroglobulin Auto Antibody The most comprehensive chemistry profile (Superchemistry with SDMA (**SA010, page 61**)), a Complete Blood Count (CBC), and thyroid panel (T3, T4, FT4 ED, TSH and thyroglobulin autoantibody (TGAA)). **Interferences:** T4 evaluation can be affected in a hemolyzed or moderately lipemic sample. Lipemia can falsely decrease T4 results. Lipemia can falsely elevate TSH results.			1.5 mL serum and 1.0 mL EDTA whole blood. Serum in red top or serum separator tube, lavender top, urine transport tube	1-3 days
SA021	**Superchem with SDMA, CBC, and UA** Superchem with SDMA, CBC, Urinalysis The most comprehensive minimum database (Superchemistry with SDMA (**SA010, page 61**), a Complete Blood Count (CBC), and Urinalysis (UA)). **Interferences:** Marked hemolysis and lipemia (serum and whole blood).			0.5 mL serum, 1.0 mL EDTA whole blood, and 6.0 mL urine. Serum in red top or serum separator tube, lavender top, urine transport tube.	24 hours
SA490	**Superchem with SDMA, CBC, and Viral Panel** Superchem with SDMA, CBC, FeLV Antigen and FIV Antibody The most comprehensive chemistry profile (Superchemistry with SDMA (**SA010, page 61**)), a Complete Blood Count (CBC), FeLV antigen and FIV antibody detection. **Interferences:** Marked hemolysis and lipemia.			1.0 mL serum and 1.0 mL EDTA whole blood. Serum in red top or serum separator tube, lavender top.	1-2 days
SA788	**Total Body Function Plus with SDMA and Fecal Combo** Superchem with SDMA, CBC, T4, Heartworm Antigen, and O&P with Centrifugation and *Giardia* The most comprehensive chemistry panel with SDMA (**SA010, page 61**), a Complete Blood Count (CBC), Total T4, heartworm antigen detection and fecal analysis using zinc sulfate centrifugation/flotation and *Giardia* Ag ELISA (**T808, page 81**) for Ova and Parasite (O&P) detection. **Interferences:** T4 evaluation can be affected in a hemolyzed or moderately lipemic sample. Lipemia can falsely decrease T4 results. Lipemia can falsely elevate TSH results.			1.0 mL serum, 1.0 mL EDTA whole blood, and 6.0 grams of feces. Serum in red top or serum separator tube, lavender top, ANTECH™ provided fecal container.	1-2 days
SA114	**Total Body Function Plus with SDMA and O&P** Superchem with SDMA, CBC, T4, Heartworm Antigen, and O&P with Centrifugation The most comprehensive chemistry panel with SDMA (**SA010, page 61**), a Complete Blood Count (CBC), Total T4, heartworm antigen detection and fecal analysis using zinc sulfate centrifugation/flotation (**T805, page 81**) for Ova and Parasite (O&P) detection. **Interferences:** T4 evaluation can be affected in a hemolyzed or moderately lipemic sample. Lipemia can falsely decrease T4 results. Lipemia can falsely elevate TSH results.			1.0 mL serum, 1.0 mL EDTA whole blood, and 5.0 grams of feces. Serum in red top or serum separator tube, lavender top, ANTECH™ provided fecal container.	1-2 days

CODE	TEST NAME	DESCRIPTION	COMPONENTS	SPECIMEN	TAT*
SA120	**Total Body Function with SDMA** Superchem with SDMA, CBC, and Total T4 The most comprehensive chemistry panel with SDMA (**SA010, page 61**), a Complete Blood Count (CBC), and a Total T4. **Interferences:** T4 evaluation can be affected in a hemolyzed or moderately lipemic sample. Lipemia can falsely decrease T4 results. Lipemia can falsely elevate TSH results.	0.5 mL serum and 1.0 mL EDTA whole blood. Serum in red top or serum separator tube, lavender top.	24 hours
SA110	**Total Body Function with SDMA and Heartworm** Superchem with SDMA, CBC, T4, Heartworm Antigen The most comprehensive chemistry panel with SDMA (**SA010, page 61**), a Complete Blood Count (CBC), Total T4, and heartworm antigen detection. **Interferences:** T4 evaluation can be affected in a hemolyzed or moderately lipemic sample. Lipemia can falsely decrease T4 results. Lipemia can falsely elevate TSH results.	1.0 mL serum and 1.0 mL EDTA whole blood. Serum in red top or serum separator tube, lavender top.	1-2 days
SA225	**Total Body Function with SDMA and Feline Virals** Superchem with SDMA, CBC, T4, FeLV, FIV Antibody, and FCV Titer The most comprehensive chemistry panel with SDMA (**SA010, page 61**), a Complete Blood Count (CBC), Total T4, FeLV antigen and FIV antibody detection, and feline coronavirus titer. **Interferences:** T4 evaluation can be affected in a hemolyzed or moderately lipemic sample. Lipemia can falsely decrease T4 results. Lipemia can falsely elevate TSH results.	1.5 mL serum and 1.0 mL EDTA whole blood. Serum in red top or serum separator tube, lavender top.	1-3 days
SA122	**Total Body Function with SDMA and O&P** Superchem with SDMA, CBC, T4, and O&P with Centrifugation The most comprehensive chemistry panel with SDMA (**SA010, page 61**), a Complete Blood Count (CBC), Total T4, and fecal analysis using zinc sulfate centrifugation/flotation (**T805, page 81**) for Ova and Parasite (O&P) detection. **Interferences:** T4 evaluation can be affected in a hemolyzed or moderately lipemic sample. Lipemia can falsely decrease T4 results. Lipemia can falsely elevate TSH results.	0.5 mL serum, 1.0 mL EDTA whole blood, and 5.0 grams of feces. Serum in red top or serum separator tube, lavender top, ANTECH™ provided fecal container.	1-2 days
SA1633	**Total Body Function with SDMA and TSH** Superchem with SDMA, CBC, T4, and TSH The most comprehensive chemistry panel with SDMA (**SA010, page 61**), a Complete Blood Count (CBC), and a thyroid panel (Total T4 and TSH). **Interferences:** T4 evaluation can be affected in a hemolyzed or moderately lipemic sample. Lipemia can falsely decrease T4 results. Lipemia can falsely elevate TSH results.	1.0 mL serum and 1.0 mL EDTA whole blood. Serum in red top or serum separator tube, lavender top.	1-2 days
SA035	**Vet Screen 2 Plus with SDMA and CBC** Vet screen with SDMA, Amylase, and CBC. A comprehensive chemistry profile with SDMA (**SA025, page 61**), with amylase evaluation added, and a Complete Blood Count (CBC). **Interferences:** Marked hemolysis and lipemia.	0.5 mL serum and 1.0 mL EDTA whole blood. Serum in red top or serum separator tube, lavender top.	24 hours

CODE	TEST NAME | DESCRIPTION | COMPONENTS	SPECIMEN	TAT*
SA030	**Vet Screen with SDMA and CBC** A comprehensive chemistry profile with SDMA (**SA025, page 61**) and a Complete Blood Count (CBC). **Interferences:** Marked hemolysis and lipemia.	0.5 mL serum and 1.0 mL EDTA whole blood. Serum in red top or serum separator tube, lavender top.	24 hours
SA530	**Vet Screen with SDMA, CBC, Heartworm, and T4** Vet screen with SDMA, CBC, Heartworm Antigen, and T4. A comprehensive chemistry panel with SDMA (**SA025, page 61**), a Complete Blood Count (CBC), heartworm antigen detection, and Total T4. **Interferences:** T4 evaluation can be affected in a hemolyzed or moderately lipemic sample. Lipemia can falsely decrease T4 results. Lipemia can falsely elevate TSH results.	0.5 mL serum and 1.0 mL EDTA whole blood. Serum in red top or serum separator tube, lavender top.	1-2 days
SA906	**Vet Screen with SDMA, CBC, FeLV, FIV, and UA** A comprehensive minimum database (comprehensive chemistry with SDMA (**SA025, page 61**), a Complete Blood Count (CBC), and Urinalysis (UA)), FeLV antigen and FIV antibody detection. **Interferences:** Marked hemolysis or lipemia may result in false positive results on the FeLV Antigen ELISA.	1.0 mL serum, 1.0 mL EDTA whole blood, and 6.0 mL urine. Serum in red top or serum separator tube, lavender top, urine transport tube.	1-2 days
SA1645	**Vet Screen with SDMA, CBC, FeLV, and T4** A comprehensive chemistry with SDMA (**SA025, page 61**), a Complete Blood Count (CBC), Total T4, and FeLV antigen detection. **Interferences:** Marked hemolysis or lipemia may result in false positive results on the FeLV Antigen ELISA.	1.0 mL serum and 1.0 mL EDTA whole blood. Serum in red top or serum separator tube, lavender top.	1-2 days
SA039	**Vet Screen with SDMA, CBC, and Heartworm Antigen** A comprehensive chemistry profile with SDMA (**SA025, page 61**), a Complete Blood Count (CBC), and evaluation for heartworm antigen. SA030 to which heartworm antigen detection has been added. **Interferences:** Marked hemolysis and lipemia.	1.0 mL serum and 1.0 mL EDTA whole blood. Serum in red top or serum separator tube, lavender top.	1-2 days
SA905	**Vet Screen with SDMA, CBC, O&P, and *Giardia*** Vet screen with SDMA, CBC, UA, and O&P with Centrifugation and *Giardia*. A comprehensive chemistry with SDMA (**SA025, page 61**), a Complete Blood Count (CBC), and fecal analysis using zinc sulfate centrifugation/flotation and *Giardia* Ag ELISA (**T808, page 81**) for Ova and Parasite (O&P) detection. **Interferences:** Marked hemolysis and lipemia.	0.5 mL serum, 1.0 mL EDTA whole blood, and 6.0 grams of feces. Serum in red top or serum separator tube, lavender top, ANTECH™ provided fecal container.	1-2 days

CODE	TEST NAME | DESCRIPTION | COMPONENTS	SPECIMEN	TAT*
SA031	**Vet Screen with SDMA, CBC, PT, and PTT** A comprehensive chemistry profile with SDMA (**SA025, page 61**), a Complete Blood Count (CBC), Prothrombin Time (PT) and Activated Partial Thromboplastin Time (APTT). **Interferences:** Marked hemolysis and lipemia.	0.5 mL serum, 1.0 mL EDTA whole blood, and 0.5 mL citrated plasma. Serum in red top or serum separator tube, lavender top, citrated plasma (blue top).	24 hours
SA034	**Vet Screen with SDMA, CBC, and Total T4** A comprehensive chemistry profile with SDMA (**SA025, page 61**), a Complete Blood Count (CBC), and a Total T4. **Interferences:** T4 evaluation can be affected in a hemolyzed or moderately lipemic sample. Lipemia can falsely decrease T4 results. Lipemia can falsely elevate TSH results.	0.5 mL serum and 1.0 mL EDTA whole blood. Serum in red top or serum separator tube, lavender top.	24 hours
SA036	**Vet Screen with SDMA, CBC, and Urinalysis** A complete minimum database (comprehensive chemistry and SDMA (**SA025, page 61**), a Complete Blood Count (CBC), and Urinalysis (UA)). **Interferences:** Marked hemolysis and lipemia.	0.5 mL serum, 1.0 mL EDTA whole blood, and 6.0 mL urine. Serum in red top or serum separator tube, lavender top, urine transport tube.	24 hours
SA912	**Vet Screen with SDMA and Thyroids** Vet screen with SDMA, T4, CBC, and Free T4 by ED. A comprehensive chemistry profile with SDMA (**SA025, page 61**), a Complete Blood Count (CBC), and thyroid profile (T4 and a FT4 ED). **Interferences:** T4 evaluation can be affected in a hemolyzed or moderately lipemic sample. Lipemia can falsely decrease T4 results. Lipemia can falsely elevate TSH results.	1.0 mL serum and 1.0 mL EDTA whole blood. Serum in red top or serum separator tube, lavender top.	1-3 days
SA904	**Vet Screen with SDMA, CBC, UA, O&P, and Heartworm** Vet screen with SDMA, CBC, Urinalysis, O&P with Centrifugation, and Heartworm Antigen. A complete minimum database (comprehensive chemistry with SDMA (**SA025, page 61**), a Complete Blood Count (CBC), and Urinalysis (UA)), heartworm antigen detection and fecal analysis using zinc sulfate centrifugation/flotation (**T805, page 81**) for Ova and Parasite (O&P) detection. **Interferences:** Marked hemolysis and lipemia.	1.0 mL serum, 1.0 mL EDTA whole blood, 6.0 mL urine, and 5.0 grams of feces. Serum in red top or serum separator tube, lavender top, urine transport tube, ANTECH™ provided fecal container.	1-2 days
SA647	**Wellness Profile with SDMA, O&P, and UA** Adult wellness chemistry with SDMA, CBC, Fecal O&P with Centrifugation, and Urinalysis. The most comprehensive minimum database (Superchemistry with SDMA (**SA010, page 61**), Complete Blood Count (CBC) and Urinalysis (UA)) and fecal analysis using zinc sulfate centrifugation/flotation (**T805, page 81**) for Ova and Parasite (O&P) detection. **Interferences:** Marked hemolysis and lipemia.	0.5 mL serum, 1.0 mL EDTA whole blood, 6.0 mL urine, and 5.0 grams of feces. Serum in red top or serum separator tube, lavender top, urine transport tube, ANTECH™ provided fecal container	1-2 days

Hematology

CODE	TEST NAME | DESCRIPTION | COMPONENTS	SPECIMEN	TAT*
ADD03	**Add-on CBC** Includes WBC, RBC, Hemoglobin, Hematocrit, MCV, MCH, MCHC, Platelet count and Differential: Percent and Absolute Neutrophils, Bands, Lymphocytes, Monocytes, Eosinophils, and Basophils. Assessment of the quantity and morphology of the erythrocytes, leukocytes and platelets. **Interferences:** Marked hemolysis.	1.0 mL EDTA whole blood in lavender top tube.	24 hours Performed each shift
T395	**APTT** Activated Partial Thromboplastin Time (aPTT). Partial Thromboplastin Time (PTT) measures the integrity of the intrinsic and common components of the coagulation cascade. **Interferences:** Marked hemolysis and lipemia. Partially full blue top tube may falsely increase sample's coagulation time. **Note:** clotting of the sample may preclude the analysis. The blue top tube needs to be filled to 2/3 or more of its capacity.	0.5 mL citrated plasma in non-additive transport tube.	24 hours Performed each shift
S16100	**Blood Type, Canine - Full Panel** Blood Type: DEA 1, DEA 4, DEA 5, DEA 7. This panel is used for RBC typing for identifying blood donors. It evaluates the presence of the blood group antigens; DEA 1.1, 1.2, 1.3, 4, 5, and 7. Antibody screen can be performed at an extra charge if clients submit serum with EDTA whole blood.	1.0 mL EDTA whole blood in lavender top tube.	6-9 business days
T315	**Blood Type, Canine DEA 1.1 Only** Blood Type - DEA 1.1 This test determines the appropriateness of canine blood donors prior to transfusion. Dog Erythrocyte Antigen (DEA) 1.1 is the most antigenic blood group in dogs, and canine blood donors are often screened to see if they are positive or negative for this blood group. **Interferences:** freezing of sample may preclude testing. **Note:** keep sample refrigerated prior to transport and send with an ice pack.	1.0 mL EDTA whole blood in lavender top tube.	1-3 days
T330R	**CBC Recheck** A Complete Blood Count (CBC) reevaluation. Resubmission must be within 4 weeks of original accession. **Interferences:** Marked hemolysis and lipemia.	1.0 mL EDTA whole blood in lavender top tube.	24 hours Performed each shift
AE275	**CBC Small Mammalian** Includes WBC, RBC, Hemoglobin, Hematocrit, MCV, MCH, MCHC, Platelet count and Differential: Percent and Absolute Neutrophils, Heterophils, Bands, Lymphocytes, Monocytes, Eosinophils, Basophils. **Interferences:** Marked hemolysis.	0.5 mL EDTA whole blood in lavender top tube.	24 hours Performed each shift

CODE	TEST NAME | DESCRIPTION | COMPONENTS	SPECIMEN	TAT*
SA290	**Coagulation Panel with D-Dimer** CBC, PT and aPTT, Fibrinogen (Quantitative), and D-Dimer. Panel used to evaluate a patient exhibiting unexplained bleeding and/or thromboembolic disorders. Additionally, it can be used to evaluate risk of bleeding secondary to provocative procedures. Includes a CBC, PT/PTT, fibrinogen and D-dimer. **Interferences:** Marked hemolysis, lipemia or clotting.	1.0 mL EDTA whole blood and 1.0 mL citrated plasma. Lavender top, citrated plasma (or filled blue top).	24 hours Performed each shift
SA300	**Coagulation Profile 2** PT and aPTT, Fibrinogen (Quantitative), D-Dimer, and Platelet Count. Panel used to evaluate a patient exhibiting unexplained bleeding and/or thromboembolic disorders. Additionally, it can be used to evaluate risk of bleeding secondary to provocative procedures. Includes PT/PTT, platelet count, fibrinogen and D-dimer. **Interferences:** Marked hemolysis, lipemia or clotting.	1.0 mL EDTA whole blood and 1.0 mL citrated plasma. Lavender top, citrated plasma (or filled blue top).	24 hours Performed each shift
SA305	**Coagulation Profile 3** PT and aPTT, and Platelet Count. Panel used to evaluate a patient exhibiting unexplained bleeding. Additionally, it can be used to evaluate risk of bleeding secondary to provocative procedures. Includes PT/PTT and platelet count. **Interferences:** Marked hemolysis, marked lipemia or clotting.	1.0 mL EDTA whole blood and 1.0 mL citrated plasma. Lavender top, citrated plasma (or filled blue top).	24 hours Performed each shift
T330 **Add-on Equivalent ADD03**	**Complete Blood Count (CBC)** Includes WBC, RBC, Hemoglobin, Hematocrit, MCV, MCH, MCHC, Platelet count and Differential: Percent and Absolute Neutrophils, Bands, Lymphocytes, Monocytes, Eosinophils, and Basophils. Includes WBC, RBC, HGB, HCT, MCV, MCH, MCHC, platelet count and estimate, WBC differential, RBC and WBC morphology. **Interferences:** Marked hemolysis and lipemia.	1.0 mL EDTA whole blood in lavender top tube.	24 hours Performed each shift
T337	**Complete Blood Count (CBC) with Reticulocyte Count** CBC with Retic count This includes WBC, RBC, HGB, HCT, MCV, MCH, MCHC, platelet count and estimate, WBC differential, RBC, WBC morphology and a reticulocyte count. **Interferences:** Marked hemolysis and lipemia.	1.0 mL EDTA whole blood.	24 hours Performed each shift
T540	**Direct Coombs' Test (Warm)** Used to investigate hemolytic anemia. **Interferences:** Marked hemolysis and lipemia. Test should be performed within 24 hours of sample collection.	1.0 mL of EDTA whole blood in lavender top tube.	1-2 days
T320	**Feline Blood Typing** Evaluation of feline blood type as Type A, Type B, or AB. **Note:** keep sample refrigerated and send with an ice pack.	1.0 mL EDTA whole blood in lavender top tube.	2-10 days

CODE	TEST NAME | DESCRIPTION | COMPONENTS	SPECIMEN	TAT*
T365 **Add-on Equivalent ADD40**	**Fibrinogen Quantitative** This test is used to measure the concentration of functional fibrinogen in the plasma. **Interferences:** clotted sample precludes analysis. Citrated Whole Blood (blue top tube) or citrated plasma is the only acceptable sample. The tube should be greater than 2/3rds filled. If submitting separated citrated plasma, label it as Citrated Plasma.	0.5 mL citrated plasma collected as whole blood in blue top tube at least 2/3rds full to the fill line.	24 hours Performed each shift
REVW	**Path Review (CBC)** This code is used to add-on a clinicopathologist review to a CBC.	0.5 mL EDTA whole blood in lavender top tube.	1-2 days
T400 **Add-on Equivalent ADD120**	**Platelet Count** **Interferences:** Marked hemolysis.	1.0 mL EDTA whole blood in lavender top tube.	24 hours Performed each shift
T401	**Platelet Count (Manual)** **Interferences:** Marked hemolysis.	1.0 mL EDTA whole blood in lavender top tube.	1-2 days Performed each shift
T410	**Prothrombin Time** Prothrombin Time (PT) measures the integrity of the extrinsic and common components of the coagulation cascade. **Interferences:** Marked hemolysis and lipemia. Partially full blue top tube may falsely increase sample's coagulation time. **Note:** clotting of the sample may preclude the analysis. The blue top tube needs to be filled to 2/3 or more of its capacity.	0.5 mL citrated plasma in non-additive transport tube.	24 hours Performed each shift
T415 **Add-on Equivalent ADD290**	**PT and aPTT** Prothrombin Time and Activated Partial Thromboplastin Time Prothrombin time measures the integrity of the extrinsic and common components of the coagulation cascade. Partial Thromboplastin Time (PTT) measures the integrity of the intrinsic and common components of the coagulation cascade. **Interferences:** Marked hemolysis and lipemia. Partially full blue top tube may falsely increase sample's coagulation time. **Note:** clotting of the sample may preclude the analysis. The blue top tube needs to be filled to 2/3 or more of its capacity. Partially full blue top tubes may falsely increase the coagulation times.	0.5 mL citrated plasma in non-additive transport tube.	24 hours Performed each shift

CODE	TEST NAME | DESCRIPTION | COMPONENTS	SPECIMEN	TAT*
ADD290	**PT and APTT Add-on** Prothrombin Time and Activated Partial Thromboplastin Time Prothrombin time measures the integrity of the extrinsic and common components of the coagulation cascade. Partial Thromboplastin Time (PTT) measures the integrity of the intrinsic and common components of the coagulation cascade. **Interferences:** Marked hemolysis and lipemia. Partially full blue top tube may falsely increase sample's coagulation time. **Note:** clotting of the sample may preclude the analysis. The blue top tube needs to be filled to 2/3 or more of its capacity. Partially full blue top tubes may falsely increase the coagulation times.	0.5 mL citrated plasma in non-additive transport tube.	24 hours Performed each shift
T425 **Add-on Equivalent ADD140**	**Reticulocyte Count** Reticulocytes, Absolute Reticulocytes Includes an unadjusted reticulocyte percent and absolute reticulocyte count. Only aggregate reticulocytes are counted. **Interferences:** Marked hemolysis.	1.0 mL EDTA whole blood in lavender top tube.	24 hours Performed each shift
ADD140	**Reticulocyte Count Add-on** Reticulocytes, Absolute Reticulocytes Includes an unadjusted reticulocyte percent and absolute reticulocyte count. Only aggregate reticulocytes are counted. **Interferences:** Marked hemolysis.	1.0 mL EDTA whole blood in lavender top tube.	24 hours Performed each shift
T331	**Special CBC, Path Review** CBC with clinical pathologist review of blood smear and results This includes WBC, RBC, HGB, HCT, MCV, MCH, MCHC, platelet count and estimate, WBC differential, RBC, and WBC morphology. A clinical pathologist will then review results and blood smears and provide an interpretative comment of the Complete Blood Count (CBC). **Interferences:** Marked hemolysis and lipemia. Clotting or freezing of sample may preclude analysis.	1.0 mL EDTA whole blood in lavender top tube.	1-3 days
S17123	**Von Willebrand Factor** To evaluate for von Willebrands factor deficiency. Results will be expressed as a percentage. The percentage will indicate the risk of bleeding problems. **Note:** for genetic screening, do not test bitches in season, pregnant or lactating. Do not test unhealthy animals (with no evidence of primary clotting issues), those on medication for a recent illness, or those vaccinated within 14 days. Large breed pups can be tested at seven weeks of age. Small breed pups should be over 12 weeks of age prior to testing.	1.5 mL citrated plasma collected as whole blood in blue top tube, spun and plasma placed in non-additive tube (labeled as Citrated plasma). Freeze citrated plasma.	5-7 days

Chemistry

CODE	TEST NAME | DESCRIPTION | COMPONENTS	SPECIMEN	TAT*
FRUCTADD	**Add-on Fructosamine** Fructosamine Serum Fructosamine concentrations reflect the mean blood glucose concentrations during the preceding one to two weeks. The measurement can be used to differentiate stress hyperglycemia from diabetes mellitus. **Interferences:** Hemolysis and lipemia may affect results.	0.5 mL serum in red top or serum separator tube.	24 hours
SA665	**Adult Wellness Chemistry with SDMA** A comprehensive chemistry panel and SDMA for glomerular filtration rate estimation (**T1035, page 61**). Wellness Chemistry (ALT (SGPT), Alkaline Phosphatase, Total Protein, Albumin, Globulin, A/G Ratio, BUN, Creatinine, BUN/Creatinine Ratio, Glucose, Sodium, Potassium, Na/K Ratio, and Chloride) with Electrolytes and SDMA. **Interferences:** Marked hemolysis and lipemia.	0.5 mL serum in red top or serum separator tube.	24 hours
T225	**Bile Acids** Single Bile Acid Single sample labelled as either pre or post bile acids. **Interferences:** Marked hemolysis and lipemia. Ursodeoxycholic acid may be detected by bile acid assay, causing falsely elevated values. **Note:** ursodeoxycholic acid may be detected by bile acid assay, causing falsely elevated values. 0.5 mL of serum labeled either as fasted (10-12 hours fast) or post prandial (2 hours after feeding a maintenance diet meal).	0.5 mL serum in red top or serum separator tube.	1-2 days
T220	**Bile Acids Pre and Post** Fasted bile acids, 2 hour post feeding bile acids. Pre and post prandial bile acids **Interferences:** Marked hemolysis and lipemia. Ursodeoxycholic acid may be detected by bile acid assay, causing falsely elevated values. **Note:** Suggested protocol: 1. Obtain a fasting serum sample (0.5 mL) and label the tube pre-prandial. 2. Obtain a second serum sample (0.5 mL) 2 hours after feeding the animal a maintenance diet and label the tube post-prandial.	0.5 mL serum in red top or serum separator tube (fasted sample labeled Pre), and 0.5 mL serum in red top or serum separator tube (2-hour post sample labeled Post).	1-2 days
T110	**Calcium** Total Calcium **Interferences:** Marked hemolysis and lipemia. Lipemia can result in falsely elevated total calcium values.	0.5 mL serum in red top tube or serum separator tube.	24 hours Performed each shift
S18537	**Calcium, Ionized** Calcium and Ionized Calcium Used to further explore the relevance of abnormalities in total calcium by assessing its ionized fraction. **Interferences:** Aerobic exposure, or marked hemolysis and lipemia. **Note:** Sample must be anaerobically transferred from spun collection tube into plain red top.	2.0 mL serum anaerobically transferred from spun red top or serum separator tube into a plain, unopened red top tube.	1-4 days

CODE	TEST NAME | DESCRIPTION | COMPONENTS	SPECIMEN	TAT*
SA804	**Chemistry Panel with SDMA** Total Protein, ALT (SGPT), Alkaline Phosphatase, Total Bilirubin, BUN, Creatinine, and SDMA An abbreviated chemistry panel including Total Protein. ALT (SGPT), Alkaline Phosphatase, Total Bilirubin, BUN, Creatinine, Sodium, Potassium, Chloride, and SDMA for glomerular filtration rate estimation (**T1035, page 61**). **Interferences:** Marked hemolysis and lipemia.	0.5 mL serum in red top or serum separator tube.	24 hours Performed each shift
T7008	**Chemistry Renal Profile with SDMA** Total Protein, Albumin, Globulin, A/G Ratio, BUN, Creatinine, BUN/Creat Ratio, Phosphorus, Calcium, Corrected Calcium, Sodium, Potassium, Na/K Ratio, and SDMA A comprehensive profile panel that can be used to trend response to therapy when treating renal disease (glomerular or tubulointerstitial) which includes SDMA for glomerular filtration rate estimation (**T1035, page 61**). Includes Total Protein, Albumin, Globulin, A/G Ratio, BUN, Creatinine, BUN/Creat Ratio, Phosphorus, Calcium, Corrected Calcium, Sodium, Potassium, Na/K Ratio, Chloride, and SDMA. **Interferences:** Marked hemolysis and lipemia.	0.5 mL serum in red top or serum separator tube.	24 hours Performed each shift
CSFPR	**CSF Protein** This is a component of the CSF fluid analysis and cytology but can be requested alone. **Interferences:** Marked hemolysis and lipemia.	0.3 mL cerebrospinal fluid in lavender or red top tube.	24 hours
T140	**Electrolyte Screen** Sodium, potassium, sodium/potassium ratio, chloride, bicarbonate and anion gap Evaluation of serum sodium, potassium, sodium/potassium ratio, chloride, bicarbonate, and anion gap. **Interferences:** Marked hemolysis and lipemia.	0.5 mL serum in red top or serum separator tube.	24 hours Performed each shift
T145	**GGTP** Gamma-glutamyl transferase GGT **Interferences:** Marked hemolysis and lipemia.	0.5 mL serum in red top or serum separator tube.	24 hours Performed each shift
SA1202	**GHP Chem with Lytes, SDMA** Total Protein, Albumin, Globulin, ALT (SGPT), Alkaline Phosphatase, Total Bilirubin, BUN, Creatinine, Phosphorus, Glucose, Calcium, Sodium, Potassium, Chloride, Cholesterol, Amylase, and SDMA A chemistry panel containing Total Protein, Albumin, Globulin, ALT (SGPT), Alkaline Phosphatase, Total Bilirubin, BUN, Creatinine, Phosphorus, Glucose, Calcium, Sodium, Potassium, Chloride, Cholesterol, Amylase, and SDMA for glomerular filtration rate estimation (**T1035, page 61**).	0.5 mL serum in red top or serum separator tube.	24 hours Performed each shift
SA1102	**GHP Chem with SDMA** Total Protein, Albumin, Globulin, ALT (SGPT), Alkaline Phosphatase, Total Bilirubin, BUN, Creatinine, Phosphorus, Glucose, Calcium, Cholesterol, Amylase, and SDMA. A chemistry profile (Total Protein, Albumin, Globulin, ALT (SGPT), Alkaline Phosphatase, Total Bilirubin, BUN, Creatinine, Phosphorus, Glucose, Calcium, Sodium, Potassium, Chloride, Cholesterol, Amylase) and SDMA for glomerular filtration rate estimation (**T1035, page 61**).	0.5 mL serum in red top or serum separator tube.	24 hours Performed each shift

CODE	TEST NAME | DESCRIPTION | COMPONENTS	SPECIMEN	TAT*
SA321	**Liver Chemistries** Total Protein, Albumin, Globulin, A/G Ratio, AST (SGOT), ALT (SGPT), Alkaline Phosphatase, GGT, Total Bilirubin, Direct Bilirubin, and Cholesterol A chemistry panel that includes Total Protein, Albumin, Globulin, A/G Ratio, AST (SGOT), ALT (SGPT), Alkaline Phosphatase, GGT, Total Bilirubin, Direct Bilirubin, Sodium, Potassium, Chloride, and Cholesterol. **Interferences:** Marked hemolysis and lipemia.	0.5 mL serum in red top tube or serum separator tube.	24 hours Performed each shift
SA324	**Liver Chemistry** Total Protein, Albumin, Globulin, A/G Ratio, AST (SGOT), ALT (SGPT), Alkaline Phosphatase, GGT, Total Bilirubin, Bun, Glucose A chemistry panel that includes Total Protein, Albumin, Globulin, A/G Ratio, AST (SGOT), ALT (SGPT), Alkaline Phosphatase, GGT, Total Bilirubin, Bun, Sodium, Potassium, Chloride, Glucose. **Interferences:** Marked hemolysis and lipemia.	0.5 mL serum in red top tube or serum separator tube.	24 hours Performed each shift
SA326	**Liver Chemistry Panel** Total Protein, Albumin, Globulin, A/G Ratio, AST (SGOT), ALT (SGPT), Alkaline Phosphatase, GGT, Total Bilirubin, Direct and Indirect Bilirubin, Bun, Glucose, Cholesterol The most comprehensive liver chemistry which includes all cholestatic and hepatocellular liver enzymes and parameters to assess synthetic capacity/function (albumin, BUN, cholesterol, glucose, and bilirubin). Includes Total Protein, Albumin, Globulin, A/G Ratio, AST (SGOT), ALT (SGPT), Alkaline Phosphatase, GGT, Total Bilirubin, Direct and Indirect Bilirubin, Bun, Sodium, Potassium, Chloride, Glucose, Cholesterol. **Interferences:** Marked hemolysis and lipemia.	0.5 mL serum in red top tube or serum separator tube.	24 hours Performed each shift
SA329	**Liver Chemistry with Phenobarbital** A liver chemistry panel (**SA321, page 59**) to which a phenobarbital level has been added. Includes Total Protein, Albumin, Globulin, A/G Ratio, AST (SGOT), ALT (SGPT), Alkaline Phosphatase, GGT, Total Bilirubin, Direct Bilirubin, Bun, Sodium, Potassium, Chloride, Cholesterol, and Phenobarbital. **Interferences:** Marked hemolysis and lipemia.	0.5 mL serum in red top tube or serum separator tube.	24 hours Performed each shift
SA1002	**Mini Early Detection Chem with SDMA** Total Protein, ALT (SGPT), ALK PHOS, BUN, Creatinine, Glucose, and SDMA A chemistry which includes Total Protein, ALT (SGPT), ALK PHOS, BUN, Creatinine, Sodium, Potassium, Chloride, Glucose, and SDMA. **Interferences:** Marked hemolysis and lipemia.	0.5 mL serum in red top or serum separator tube.	24 hours
SA071	**MiniScreen 11 Chem with SDMA** Total Protein, Albumin, Globulin, A/G Ratio, ALT (SGPT), Alkaline Phosphatase, Total Bilirubin, BUN, Creatinine, BUN/Creat Ratio, Glucose, and SDMA A comprehensive chemistry including Total Protein, Albumin, Globulin, A/G Ratio, ALT (SGPT), Alkaline Phosphatase, Total Bilirubin, BUN, Creatinine, BUN/Creat Ratio, Sodium, Potassium, Chloride, Glucose, and SDMA. **Interferences:** Marked hemolysis and lipemia.	0.5 mL serum in red top or serum separator tube.	24 hours

CODE	TEST NAME | DESCRIPTION | COMPONENTS	SPECIMEN	TAT*
SA060	**MiniScreen 4 Chem** Total Protein, ALT (SGPT), Bun, Glucose MiniScreen chemistry that allows assessment of four analytes (TP, ALT, BUN, and glucose). **Interferences:** Marked hemolysis and lipemia.	0.5 mL serum in red top or serum separator tube.	24 hours
SA822	**NSAID Chemistries with SDMA** AST (SGOT), ALT (SGPT), Alkaline Phosphatase, BUN, Creatinine with SDMA A chemistry panel including AST (SGOT), ALT (SGPT), Alkaline Phosphatase, BUN, Sodium, Potassium, Chloride, Creatinine with SDMA. **Interferences:** Marked hemolysis and lipemia.	0.5 mL serum in red top or serum separator tube.	24 hours Performed each shift
T85360	**Pre NSAID Use Panel 3 with SDMA** A chemistry panel that includes AST (SGOT), ALT (SGPT), Alkaline Phosphatase, GGT, Albumin, BUN, Creatinine, Sodium, Potassium, Na/K Ratio, Chloride, and SDMA.	0.5 mL serum in red top or serum separator tube.	24 hours
SA043	**Pre-op Chemistry with Electrolytes and SDMA** A smaller chemistry with electrolyte assessment. Includes albumin, globulin, ALT, ALP, BUN, creatinine, glucose, sodium, potassium, chloride and SDMA. **Interferences:** Marked hemolysis and lipemia.	0.5 mL serum in red top or serum separator tube.	24 hours
T165 **Add-on Equivalent ADD90**	**PrecisionPSL** PrecisionPSL (Pancreatic Sensitive Lipase) is used to help diagnose pancreatitis in patients with consistent clinical signs. **Interferences:** Marked hemolysis and lipemia.	0.5 mL serum in red top or serum separator tube.	24 hours Performed each shift
ADD90	**PrecisionPSL Add-on** PrecisionPSL (Pancreatic Sensitive Lipase) is used to help diagnose acute pancreatitis in patients with consistent clinical signs. **Interferences:** Marked hemolysis and lipemia.	0.5 mL serum in red top or serum separator tube.	24 hours Performed each shift
SA040	**Pre-op Screen with SDMA** Includes Total Protein, Albumin, Globulin, A/G Ratio, ALT (SGPT), Alkaline Phosphatase, BUN, Creatinine, BUN/Creat Ratio, Glucose, and SDMA A smaller chemistry which includes Total Protein, Albumin, Globulin, A/G Ratio, ALT (SGPT), Alkaline Phosphatase, BUN, Creatinine, BUN/Creat Ratio, Sodium, Potassium, Chloride, Na/K Ratio, Glucose, and SDMA. **Interferences:** Marked hemolysis and lipemia.	0.5 mL serum in red top or serum separator tube.	24 hours
T240 **Add-on Equivalent ADD130**	**Protein Electrophoresis (Serum)** Total protein, Albumin, Globulin, Alpha 1, Alpha 2, Beta 1, and Gamma 1 fraction assessment with interpretation. An evaluation of the globulin fraction of the serum (Alpha 1, Alpha 2, Beta, and Gamma) to determine if the globulin fraction is monoclonal based on these components. **Interferences:** Marked hemolysis and lipemia.	0.5 mL serum in red top or serum separator tube.	2-4 days
RECC	**Recheck Profile with SDMA** Includes Total Protein, Albumin, Globulin, Albumin/Globulin Ratio, AST (SGOT), ALT (SGPT), Alkaline Phosphatase, GGT, Total Bilirubin, BUN, Creatinine, BUN/Creatinine Ratio, Phosphorous, Glucose, Calcium, Magnesium, Sodium, Potassium, Sodium/Potassium Ratio, Chloride, Cholesterol, Triglyceride, Amylase, PrecisionPSL, CPK, and SDMA.	0.5 mL serum in red top or serum separator tube.	24 hours

CODE	TEST NAME | DESCRIPTION | COMPONENTS	SPECIMEN	TAT*
SA311	**Renal Profile with SDMA** Total Protein, Albumin, Globulin, Albumin/globulin Ratio, BUN, Creatinine, Phosphorous, Glucose, Calcium, Sodium, Potassium, Sodium/potassium Ratio, Chloride, and SDMA A chemistry panel which includes Total Protein, Albumin, Globulin, Albumin/globulin Ratio, BUN, Creatinine, Phosphorous, Glucose, Calcium, Sodium, Potassium, Sodium/potassium Ratio, Chloride, and SDMA. **Interferences:** Marked hemolysis and lipemia.	0.5 mL serum in red top or serum separator tube.	24 hours Performed each shift
T1035	**SDMA** SDMA (symmetric dimethylarginine) is freely filtered by the kidneys, and elevation in SDMA is indicative of a reduced glomerular filtration rate.	0.5 mL serum in red top or serum separator tube.	24 hours
SA010	**Superchem with SDMA** Total Protein, Albumin, Globulin, Albumin/Globulin Ratio, AST (SGOT), ALT (SGPT), Alkaline Phosphatase, GGT, Total Bilirubin, BUN, Creatinine, BUN/Creatinine Ratio, Phosphorous, Glucose, Calcium, Magnesium, Sodium, Potassium, Sodium/Potassium Ratio, Chloride, Cholesterol, Triglyceride, PrecisionPSL, CPK, and SDMA The most comprehensive chemistry profile which includes Total Protein, Albumin, Globulin, Albumin/Globulin Ratio, AST (SGOT), ALT (SGPT), Alkaline Phosphatase, GGT, Total Bilirubin, BUN, Creatinine, BUN/Creatinine Ratio, Phosphorous, Glucose, Calcium, Magnesium, Sodium, Potassium, Sodium/Potassium Ratio, Chloride, Cholesterol, Triglyceride, Amylase, PrecisionPSL, CPK, and SDMA for estimation of the glomerular filtration rate (**T1035, page 61**). **Interferences:** Marked hemolysis and lipemia.	0.5 mL serum in red top or serum separator tube.	24 hours Performed each shift
SA120C	**Superchem with SDMA and T4** The most comprehensive chemistry with SDMA (**SA010, page 61**) and a total T4. Includes Total Protein, Albumin, Globulin, Albumin/Globulin Ratio, AST (SGOT), ALT (SGPT), Alkaline Phosphatase, GGT, Total Bilirubin, BUN, Creatinine, BUN/Creatinine Ratio, Phosphorous, Glucose, Calcium, Magnesium, Sodium, Potassium, Sodium/Potassium Ratio, Chloride, Cholesterol, Triglyceride, Amylase, PrecisionPSL, CPK, and SDMA. **Interferences:** T4 evaluation can be affected in a hemolyzed or moderately lipemic sample. Lipemia can falsely decrease T4 results. Lipemia can falsely elevate TSH results.	0.5 mL serum.	24 hours
S85783	**Troponin I** **Interferences:** Marked hemolysis.	1.0 mL frozen serum in non-additive transport tube (should be fasting, non-hemolyzed sample).	3-5 days
SA025	**Vet Screen with SDMA** Total Protein, Albumin, Globulin, Albumin/Globulin Ratio, AST (SGOT), ALT (SGPT), Alkaline Phosphatase, Total Bilirubin, BUN, Creatinine, BUN/Creatinine Ratio, Phosphorous, Glucose, Calcium, Sodium, Potassium, Sodium/Potassium Ratio, Chloride, Cholesterol, CPK, and SDMA A comprehensive chemistry profile with SDMA. Includes Total Protein, Albumin, Globulin, Albumin/Globulin Ratio, AST (SGOT), ALT (SGPT), Alkaline Phosphatase, Total Bilirubin, BUN, Creatinine, BUN/Creatinine Ratio, Phosphorous, Glucose, Calcium, Sodium, Potassium, Sodium/Potassium Ratio, Chloride, Cholesterol, CPK, and SDMA. **Interferences:** Marked hemolysis and lipemia.	0.5 mL serum in red top or serum separator tube.	24 hours Performed each shift

CODE	TEST NAME | DESCRIPTION | COMPONENTS	SPECIMEN	TAT*
SA026	**Vet Screen with Amylase and SDMA** A comprehensive chemistry profile with SDMA (**SA025, page 61**) to which amylase evaluation has been added. Includes Total Protein, Albumin, Globulin, Albumin/Globulin Ratio, AST (SGOT), ALT (SGPT), Alkaline Phosphatase, GGT, Total Bilirubin, BUN, Creatinine, BUN/Creatinine Ratio, Phosphorous, Glucose, Calcium, Sodium, Potassium, Sodium/Potassium Ratio, Chloride, Cholesterol, CPK, Amylase, and SDMA. **Interferences:** Marked hemolysis and lipemia.	0.5 mL serum in red top or serum separator tube.	24 hours Performed each shift
SA1656	**Vet Screen with SDMA and T4** A comprehensive chemistry (**SA025, page 61**) including Total Protein, Albumin, Globulin, Albumin/Globulin Ratio, AST (SGOT), ALT (SGPT), Alkaline Phosphatase, GGT, Total Bilirubin, BUN, Creatinine, BUN/Creatinine Ratio, Phosphorous, Glucose, Calcium, Sodium, Potassium, Sodium/Potassium Ratio, Chloride, Cholesterol, CPK, and SDMA and total T4. **Interferences:** T4 evaluation can be affected in a hemolyzed or moderately lipemic sample. Lipemia can falsely decrease T4 results. Lipemia can falsely elevate TSH results.	0.5 mL serum in red top or serum separator tube.	24 hours Performed each shift
S16016	**Vitamin D**	1.0 mL serum in red top or other non-additive tube. Overnight fast recommended. Store and transport refrigerated or frozen (on ice packs).	4-10 days
S18703	**Vitamin B1 - Thiamine** **Note**: Fasting is recommended. Send on ice.	2.0 mL EDTA whole blood in lavender top tube.	5-10 business days

Urine

CODE	TEST NAME | DESCRIPTION | COMPONENTS	SPECIMEN	TAT*
S16735	**Crystallographic Stone Analysis** Nidus Composition, Stone Composition and Shell Composition The report includes a comprehensive stone analysis using optical crystallography with a region-by-region stone fracture. Stone composition is provided for nidus, stone, shell, and surface. **Note:** Stone submitted in formalin is not acceptable as formalin can affect the mineral composition.	Submit dry stone(s) collected in red top tube or in plain, sterile tube or container.	1-5 days
M134	**MIC Urine if Indicated** Urinalysis with Urine Culture, if indicated Includes a Urinalysis (UA) followed by a culture if there is any of the following: glucosuria, any bacteria visible, greater than 4 wbcs per hpf, or a urine specific gravity less than 1.020. In the case of any of the above criteria the urine will be plated by standard plate methodology and evaluated.	7.0 mL urine in urine transport tube.	1-4 days
T764	**Path Review (Urinalysis)** This test can be added onto a complete Urinalysis (UA) and includes sediment evaluation by a clinical pathologist.	6.0 mL urine in urine transport tube.	1-2 days
T925	**Urinalysis and UPC Ratio** Urinalysis and Urine Protein/Creatinine Ratio A complete Urinalysis (UA) (**T760, page 63**) and a urine protein to creatinine ratio (**T775, page 64**).	6.5 mL urine in urine transport tube.	1-2 days
T760 **Add-on Equivalent ADD220** **Recheck T760R**	**Urinalysis (UA) – Complete** The complete Urinalysis (UA) includes a physical (clarity, color, USG), chemical (bilirubin, glucose, ketones, occult blood, pH, protein), and microscopic (bacteria, casts, crystlas, fat droplets, RBC, transitional and squamous epithelial cells, WBC) exam of the urine. **Interferences:** Visible levels of hemolysis, drugs containing dyes, nitrofurantoin, or riboflavin.	6.0 mL urine in urine transport tube.	24 hours Performed each shift
T227	**Urine Bile Acid: Creatinine Ratio** Evaluation of the amount of urinary bile acid present with respect to creatinine. **Note:** Urine containing ascorbic acid may result in false positive results.	1.0 mL urine in urine transport tube.	1-2 days
T765	**Urine Clearance Ratios** Urinary Clearance Creatinine Ratios (Phosphorous, Calcium, Sodium, Potassium, Chloride) Determination of urine fractional excretion is indicated to assess renal clearance of specific substances. **Interferences:** Marked hemolysis and lipemia in serum.	0.5 mL urine and 0.5 mL serum. Urine transport tube, serum in red top or serum separator tube.	1-2 days

CODE	TEST NAME | DESCRIPTION | COMPONENTS	SPECIMEN	TAT*
T770	**Urine Cortisol/Creatinine Ratio** Urine Cortisol, Urine Creatinine, and Urine Cortisol and Creatinine Ratio The urine cortisol/creatinine ratio is most commonly used as a screening test for canine hyperadrenocorticism.	0.5 mL urine in urine transport tube.	1-2 days
T830C	**Urine Microalbumin, Canine** Measures albumin concentration in the urine.	0.5 mL urine in urine transport tube.	1-2 days
T830F	**Urine Microalbumin, Feline** Measures albumin concentration in the urine.	0.5 mL urine in urine transport tube.	1-2 days
ADD230	**Urine Protein/Creatinine Add-on** Urine Protein, Urine Creatinine and Urine Protein and Creatinine Ratio Urine Protein/Creatinine Ratio (UPC) to determine the magnitude of the proteinuria.	0.5 mL urine in urine transport tube.	1-2 days
T775 **Add-on Equivalent ADD230**	**Urine Protein/Creatinine Ratio** Urine Protein, Urine Creatinine and Urine Protein and Creatinine Ratio Urine Protein/Creatinine Ratio (UPC) to determine the magnitude of the proteinuria.	0.5 mL urine in urine transport tube.	1-2 days
T310	**Urine Uric Acid/Creatinine** Urine Creatinine, Urine Uric Acid, and Urine Acid and Creatinine Ratio Used to monitor the success of preventive treatment for urate bladder stones in Dalmatian dogs. This test is not preferred to a 24-hour urine uric acid concentration. Urine spot testing (Urine urate: creatinine ratios) are too variable and do not correlate well with 24-hour urine urate excretion.	0.5 mL urine in urine transport tube.	1-2 days
M133	**UTI Cystitis Profile with MIC Urine** Urinalysis (UA) and Urine Culture & Sensitivity A complete Urinalysis (UA) (**T760, page 63**), and urine culture (**M130, page 85**). Culture performed using FIRSTract™ methodology allowing for rapid growth within 5 hours and subsequent reporting of a positive or negative result in under 24 hours. A positive result will be immediately plated for bacterial identification and antimicrobial sensitivity testing. **Interferences:** patients should be off antibiotics for seven to 10 days prior to urine culture. Samples obtained via free catch and catheterization need to be interpreted carefully in light of the method of collection. Cystocentesis is the preferred sampling method for culture.	6.5 mL urine in urine transport tube.	1-4 days

Endocrinology

CODE	TEST NAME | DESCRIPTION | COMPONENTS	SPECIMEN	TAT*
ADD260	**Add-on Fructosamine** Fructosamine Serum Fructosamine concentrations reflect the mean blood glucose concentrations during the preceding one to two weeks. The measurement can be used to differentiate stress hyperglycemia from diabetes mellitus. **Interferences:** Hemolysis and lipemia may interfere with testing.	0.5 mL serum in red top or serum separator tube.	24 hours Performed each shift
S14410	**Anti-Mullerian Hormone (C/F)** A qualitative AMH test for dogs and cats is meant to distinguish between spayed and ovarian intact bitches and queens once they have reached the age of sexual maturity. This test is to be used on canine and feline species only. **Interferences:** Marked hemolysis and lipemia. **Note:** Serum should be separated and placed in a plain red top tube. Sample must be kept cold - freeze after collection and send on ice packs.	0.5 mL serum in non-additive transport tube (plastic preferred).	5-10 days
ADD300	**Canine Post Pill T4 Add-on** T4-Post Pill Used for monitoring thyroid status in patients previously diagnosed as hypothyroid, being supplemented on synthetic thyroid hormone (4-6 hours post pill). **Note:** refrigerate and send on ice. Ideal sampling time is typically 4-6 hours post pill administration.	0.5 mL serum in red top or serum separator tube.	1-2 days
T445	**Cortisol** Cortisol Assay, Single sample Single cortisol level. **Interferences:** Marked hemolysis may affect results, and marked lipemia (if unable to be cleared by centrifugation) may falsely decrease cortisol levels.	0.5 mL serum in red top or serum separator tube.	1-2 days

CODE	TEST NAME | DESCRIPTION | COMPONENTS	SPECIMEN	TAT*
ACTH2	**Cortisol Serial ACTH 2** Cortisol Assay, 2 Samples: Pre (Baseline) and Post ACTH Stimulation This is an ACTH stimulation test that requires two samples: one pre, one post. Results include baseline cortisol and one post-ACTH cortisol. **Interferences:** Marked hemolysis may affect results, and marked lipemia (if unable to be cleared by centrifugation) may falsely decrease cortisol levels. **Collection Method Instructions:** **Canine:** **Using Cosyntropin (Cortrosyn):** 1. Collect pre-sample. Label tube "Pre" 2. Administer 5 micrograms/kg of Cosyntropin IV or IM (up to a total dose of 250 micrograms). A dose of 1 ug/kg (IV only) can be used when monitoring trilostane or mitotane treatment but is NOT recommended for diagnosing Cushing's syndrome or Addison's disease. If using the 1 ug/kg dose, it must be administered IV. 3. Collect 1 hr post-sample. Label "1 hr Post". If using compounded ACTH gel (not recommended), two post samples are needed (1 hour and 2 hour post sampling) and the ACTH3 test is required. See code ACTH3 (T441) for testing detail. **Feline: (The ACTH stimulation test Is not recommended for the diagnosis of spontaneous Cushing's syndrome in cats)** **Using Cosyntropin (Cortrosyn):** 1. Collect pre-sample. Label tube "Pre" 2. Inject 0.125 mg Cosyntropin IV 3. Collect 1-hour post-sample. Label "1 hour Post". If using compounded ACTH gel (not recommended), two post samples are needed (1 hour and 2-hour post sampling) and the ACTH3 test is required. See code ACTH3 (T441) for testing detail. For trilostane monitoring, ACTH testing should start 4-6 hours after the morning dose of trilostane. The timing of the test is the same regardless of whether the patient is on SID (morning dose) or BID (morning and evening) and is always 4-6 hours after medication. Trilostane MUST be administered with food, even on the morning that the ACTH stimulation test is going to be performed. Although we generally recommend an 8-12 hour fast before blood draw (to avoid gross lipemia and hemolysis) this is NOT recommended when monitoring trilostane therapy. The timing of the ACTH stimulation test does not matter in pets being treated with lysodren (aka mitotane).	0.5 mL serum in red top or serum separator tube for baseline sample (labeled Pre) and 0.5 serum in red top or serum separator tube for post sample (labeled Post).	1-2 days
ACTH3	**Cortisol Serial ACTH 3** Cortisol Assay, 3 Samples: Pre (Baseline) and 2 Post ACTH Stimulation This is an ACTH stimulation test that requires three samples. One pre cortrosyn administration and then two post at established intervals. **Interferences:** Marked hemolysis may affect results, and marked lipemia (if unable to be cleared by centrifugation) may falsely decrease cortisol levels.	0.5 mL serum in red top or serum separator tube for baseline sample (labeled Pre) and 0.5 serum in red top or serum separator tube for each post sample (post samples labeled Post).	1-2 days

CODE	TEST NAME | DESCRIPTION | COMPONENTS	SPECIMEN	TAT*
ACTH4	**Cortisol Serial ACTH 4** Cortisol Assay, 4 Samples: Pre (Baseline) and 3 Post ACTH Stimulation This is an ACTH stimulation test that requires four samples. On pre cortrosyn administration and then 3 post at set intervals. **Interferences:** Marked hemolysis may affect results, and marked lipemia (if unable to be cleared by centrifugation) may falsely decrease cortisol levels.	0.5 mL serum in red top or serum separator tube for baseline sample (labeled Pre) and 0.5 serum in red top or serum separator tube for each post sample (post samples labeled Post).	1-2 days
DEX2	**Cortisol Serial DEX 2** Cortisol Assay, 2 Samples: Pre (Baseline) and Post Dexamethasone Suppression This test measures cortisol concentrations before and after administration of exogenous dexamethasone (0 hours followed by an 8-hour sample). This is only a two cortisol assay. The low dose dexamethasone suppression test, a three cortisol sample test (mnemonic DEX3), is preferred for diagnosing hyperadrenocorticism. The high-dose dexamethasone suppression test, a three cortisol sample test, is used to differentiate pituitary-dependent from adrenal tumor hyperadrenocorticism. **Interferences:** Marked hemolysis may affect results, and marked lipemia (if unable to be cleared by centrifugation) may falsely decrease cortisol levels. **Collection Method Instructions:** Cortisol levels are affected by previous/current steroid use (be it oral, topical, transdermal or inhaled). The exact period of withdrawal that is necessary to be able to accurately interpret cortisol levels is unknown however steroid type, dose, duration of use and method of administration all need to be considered. For Dex 2 (the only sample that is acceptable is 0h and 8h) **Canine:** **Low-dose Dexamethasone suppression test (LDDS):** 1. Collect pre-sample; label tube "Pre" 2. Inject 0.01 mg/kg Dexamethasone IV 3. Collect 8-hour sample; label tube accordingly **High-dose Dexamethasone suppression test (HDDS):** 1. Collect pre-sample; label tube "Pre" 2. Inject 0.1 mg/kg Dexamethasone IV 3. Collect 8-hour sample; label tube accordingly **Feline:** **Low-dose Dexamethasone suppression test:** 1. Collect pre-sample; label tube "Pre" 2. Inject 0.1 mg/kg Dexamethasone IV 3. Collect 8-hour samples; label tube accordingly **High-dose Dexamethasone suppression test:** 1. Collect pre-sample; label tube "Pre" 2. Inject 1.0 mg/kg Dexamethasone IV 3. Collect 8-hour sample; label tube accordingly	0.5 mL serum in red top or serum separator tube for baseline sample (labeled Pre) and 0.5 serum in red top or serum separator tube for post sample (labeled Post).	1-2 days

CODE	TEST NAME | DESCRIPTION | COMPONENTS	SPECIMEN	TAT*
DEX3	**Cortisol Serial DEX 3** Cortisol Assay, 3 Samples: Pre (Baseline) and 2 Post Dexamethasone Suppression This test measures cortisol concentrations before and after administration of exogenous dexamethasone. This suppression test requires three samples; baseline cortisol prior to dexamethasone administration and two cortisol levels post dexamethasone administration (4 and 8 hours). The low-dose dexamethasone suppression test is preferred for diagnosing hyperadrenocorticism. The high-dose dexamethasone suppression test is used to differentiate pituitary-dependent from adrenal tumor hyperadrenocorticism. **Interferences:** Marked hemolysis may affect results, and marked lipemia (if unable to be cleared by centrifugation) may falsely decrease cortisol levels.	0.5 mL serum in red top or serum separator tube for baseline sample (labeled Pre) and 0.5 serum in red top or serum separator tube for each post sample (post samples labeled Post).	1-2 days
DEX4	**Cortisol Serial DEX 4** Cortisol Assay, 4 Samples: Pre (Baseline) and 3 Post Dexamethasone Suppression This test measures cortisol concentrations before and after administration of exogenous dexamethasone. This suppression test includes four samples; baseline cortisol prior to dexamethasone administration and three additional cortisol samples post dexamethasone administration (last occurring at 8 hours). Samples taken at 2 or 6 hours are interpreted similarly to those obtained at 4 hours. **Interferences:** Marked hemolysis may affect results, and marked lipemia (if unable to be cleared by centrifugation) may falsely decrease cortisol levels.	0.5 mL serum in red top or serum separator tube for baseline sample (labeled Pre) and 0.5 serum in red top or serum separator tube for each post sample (post samples labeled Post).	1-2 days
T435	**Endogenous ACTH** Endogenous ACTH used for small animal testing. **Note:** endogenous ACTH is extremely labile. Immediately separated and frozen EDTA-plasma without aprotinin may be acceptable but is NOT the preferred sample. Serum or heparinized plasma is not acceptable for endogenous ACTH testing. Call lab to obtain an aprotinin-treated lavender top tube and transfer tube.	1.0 mL aprotinin treated EDTA plasma in non-additive transport tube (labeled as AP treated plasma).	2-3 days
T460 **Add-on Equivalent ADD50**	**Free T4 by Equilibrium Dialysis** **Note:** This test should NOT be performed as an add-on to samples older than 5 days.	0.5 mL serum in red top or serum separator tube.	2-3 days
ADD50	**Free T4 Equilibrium Dialysis Add-on** **Note:** This test should NOT be performed as an add-on to samples older than 5 days.	0.5 mL serum in red top or serum separator tube.	2-3 days
S16345 **Add-on Equivalent ADD260**	**Fructosamine Assay** **Interferences:** Hemolysis and lipemia may affect results.	0.5 mL serum in red top or serum separator tube.	24 hours

CODE	TEST NAME | DESCRIPTION | COMPONENTS	SPECIMEN	TAT*
T497 **Add-on Equivalent ADD300**	**Hypothyroid Post Pill T4** Used for monitoring thyroid status in patients previously diagnosed as hypothyroid, being supplemented on synthetic thyroid hormone (4-6 hours post pill). **Note:** draw serum 4-6 hours post pill.	0.5 mL serum in red top or serum separator tube.	1-2 days
T470	**Insulin with Glucose** Used to evaluate for the presence of an insulinoma. **Interferences:** Marked hemolysis and lipemia. **Note:** Generally used to evaluate for the presence of an insulinoma. Concurrent blood glucose concentration should be below 60 mg/dl (3.3 mmol/L) when serum insulin levels are measured. Not to be used on patients receiving exogenous insulin without an appropriate withdrawal period.	0.5 mL serum in red top or spun serum separator tube.	1-2 days
T470F	**Insulin (Feline) with Glucose** Used to evaluate for the presence of an insulinoma. Submission of a single serum sample where a blood glucose (ideal BG less than 50 mg/dL or 2.8 mmol/L) is assessed along side an insulin level. **Interferences:** Marked hemolysis. **Note:** Generally used to evaluate for the presence of an insulinoma. Concurrent blood glucose concentration should be below 60 mg/dl (3.3 mmol/L) when serum insulin levels are measured. Not to be used on patients receiving exogenous insulin without an appropriate withdrawal period.	1.0 mL serum in red top or serum separator tube.	1-7 days
S16520	**Luteinizing Hormone** Store refrigerated up to 24 hours. Freeze for longer storage.	0.5 mL serum in red top or serum separator tube.	1-3 days
S86698	**Malignancy Profile** Ionized Calcium, Parathyroid Hormone, and Parathormone Related Protein. Evaluation of the ionized fraction of calcium concurrent with parathyroid hormone and parathyroid hormone related protein.	**Ionized calcium:** 2.0 mL serum anaerobically transferred from spun red top or serum separator tube into a plain, unopened red top tube. **PTH:** 1 mL frozen serum in plain transport tube. **PTHrP:** 1.0 mL frozen EDTA plasma in plain transport tube. Include patient history with submission.	5-14 days

CODE	TEST NAME | DESCRIPTION | COMPONENTS	SPECIMEN	TAT*
SA1528	**OFA Thyroid Panel** OFA, OFA Interpretation, Free T4 by ED, TSH, and Thyroglobulin Auto Antibody. The Orthopedic Foundation for Animals (OFA) thyroid panel for dogs includes a FT4 by ED, thyroid stimulation hormone and thyroglobulin auto antibody. A completed OFA form must accompany the specimen. Client must also submit a check for $15.00 payable to the OFA or complete the Credit Card information section on the OFA submission form. Contact OFA at **573-442-0418** or online at **ofa.org**. **Interferences:** T4 evaluation can be affected in a hemolyzed or moderately lipemic sample. Lipemia can falsely decrease T4 results. Lipemia can falsely elevate TSH results.	2.0 mL serum in red top tube. Do not use serum separator tube for submission.	OFA will issue report (with results) directly to submitting client.
S16596	**Parathormone Related Protein** Determines the presence of the parathormone-related protein (PTHrp) **Interferences:** Marked hemolysis and lipemia. **Note:** Submit frozen plasma and label submission tube as plasma PTHrP.	1.0 mL frozen EDTA plasma in plain transport tube. Collected as whole blood in lavender top tube; spun, and separated plasma transferred into plain transport tube. Include patient history. Frozen plasma (Call customer service for specimen handling protocol: **800-872-1001, dial 0**)	7-14 days
T448	**Post Cortisol** A single cortisol level, submitted as a post, used to complete an ACTH stimulation or dexamethasone suppression test (8 hours). **Interferences:** Marked lipemia.	0.5 serum in red top or serum separator tube (labeled Post).	1-2 days
T475	**Progesterone** Progesterone level **Interferences:** serum separator gel may interfere with test.	0.5 mL serum in red top tube.	1-2 days
S16595	**PTH, Ionized Calcium** Parathormone and Ionized Calcium Evaluates the total calcium, ionized calcium, and parathyroid hormone to further define the cause of abnormalities in calcium homeostasis. **Note:** Serum samples must be anaerobically obtained (exposure to air may artifactually decrease ionized calcium). Samples should not be transported in serum separator tubes. Transfer serum into two plain red top tubes and label as serum ionized calcium and serum PTH. Samples should be frozen and sent on ice.	1.5 mL frozen serum.	5-7 days

CODE	TEST NAME | DESCRIPTION | COMPONENTS	SPECIMEN	TAT*
T480	**T3** Tri-iodothyronine (T3)	0.5 mL serum in red top or serum separator tube.	1-2 days
SA430	**T3 Suppression** T4, T3, Post Pill T3 and Post Pill T4 The submission of two separate serum samples (baseline T3/T4 and a post T3/T4). The second sample (post T3/T4) is obtained following a specific protocol of oral liothyronine sodium administration.	0.5 mL serum (labeled Pre) and 0.5 serum (labeled Post) in red top or serum separator tubes.	1-2 days
T495 **Add-on Equivalent ADD190**	**T4** Total T4 **Interferences:** Marked hemolysis and moderate to marked lipemia. Lipemia can falsely decrease T4 results.	0.5 mL serum in red top or serum separator tube.	24 hours Performed each shift
ADD190	**T4 Add-on** T4 Total T4 as an add-on test to a previous profile. **Interferences:** Marked hemolysis and moderate to marked lipemia.	0.5 mL serum in red top or serum separator tube.	24 hours Performed each shift
SA401	**T4 and TSH** Thyroid panel including a total T4 and thyroid stimulating hormone (TSH). **Interferences:** T4 evaluation can be affected in a hemolyzed or moderately lipemic sample. Lipemia can falsely decrease T4 results. Lipemia can falsely elevate TSH results.	0.5 mL serum in red top or serum separator tube.	1-2 days
S16760	**Testosterone** Single testosterone level.	0.5 mL serum in red top or serum separator tube.	3-5 days
T505	**Thyroglobulin Auto Antibody** Canine Thyroglobulin Auto Antibody Level Thyroglobulin auto antibody is used to confirm the presence of autoimmune thyroiditis.	0.5 mL serum in red top or serum separator tube.	1-5 days
SA360	**Thyroid 1** T4 and T3 Used to evaluate T4 and T3 levels. **Interferences:** T4 evaluation can be affected in a hemolyzed or moderately lipemic sample. Lipemia can falsely decrease T4 results. Lipemia can falsely elevate TSH results.	0.75 mL serum in red top or serum separator tube.	1-2 days

CODE	TEST NAME | DESCRIPTION | COMPONENTS	SPECIMEN	TAT*
SA370	**Thyroid Profile 2** Total T4 and Free T4 by Equilibrium Dialysis **Interferences:** T4 evaluation can be affected in a hemolyzed or moderately lipemic sample. Lipemia can falsely decrease T4 results. Lipemia can falsely elevate TSH results.	1.0 mL serum in red top or serum separator tube.	1-3 days
SA380	**Thyroid Profile 3** Total T4, Free T4 by Equilibrium Dialysis, and TSH Panel includes a total T4, free T4 by Equilibrium Dialysis (FT4 ED), and thyroid stimulating hormone (TSH). **Interferences:** T4 evaluation can be affected in a hemolyzed or moderately lipemic sample. Lipemia can falsely decrease T4 results. Lipemia can falsely elevate TSH results.	1.5 mL serum in red top or serum separator tube.	1-3 days
SA400	**Thyroid Profile 5** T4, Free T4 by Equilibrium Dialysis, TSH, and Thyroglobulin Auto Antibody Panel includes a total T4, free T4 by Equilibrium Dialysis (FT4 ED), thyroid stimulating hormone (TSH), and thyroglobulin autoantibody (TGAA). **Interferences:** T4 evaluation can be affected in a hemolyzed or moderately lipemic sample. Lipemia can falsely decrease T4 results. Lipemia can falsely elevate TSH results.	2.0 mL serum in red top or serum separator tube	1-7 days
SA410	**Thyroid Profile 6** T3, T4, Free T4 By Equilibrium Dialysis, T4 Autoantibodies, TSH, and Thyroglobulin Auto Antibody Panel includes Total T3, Total T4, free T4 by Equilibrium Dialysis (FT4 ED), T4 autoantibody, Thyroid Stimulating Hormone (TSH), and Thyroglobulin Autoantibody (TGAA). **Interferences:** T4 evaluation can be affected in a hemolyzed or moderately lipemic sample. Lipemia can falsely decrease T4 results. Lipemia can falsely elevate TSH results.	2.5 mL serum.	1-5 days
T510 **Add-on Equivalent ADD200**	**TSH** Thyroid stimulating hormone (TSH) **Interferences:** Marked lipemia.	0.5 mL serum in red top or serum separator tube.	1-2 days
ADD200	**TSH Add-on** Thyroid stimulating hormone (TSH) **Interferences:** Marked lipemia.	0.5 mL serum in red top or serum separator tube.	1-2 days
SA390 **Add-on Equivalent SA390ADD**	**TSH, Free T4 ED** TSH and Free T4 by Equilibrium Dialysis Panel that includes a free T4 by Equilibrium Dialysis (FT4 ED) and thyroid stimulating hormone (TSH). **Interferences:** T4 evaluation can be affected in a hemolyzed or moderately lipemic sample. Lipemia can falsely decrease T4 results. Lipemia can falsely elevate TSH results.	1.0 mL serum in red top or serum separator tube.	1-3 days

Infectious

CODE	TEST NAME | DESCRIPTION | COMPONENTS	SPECIMEN	TAT*
AC100 **Add-on Equivalent ADD111**	**Accuplex™** Heartworm, *Borrelia burgdorferi*, *Ehrlichia* spp. (including *E. canis*, *E. ewingii*, and *E. chaffeensis*) and *Anaplasma phagocytophilum*. Accuplex™ screens for canine vector-borne pathogens. It detects *Dirofilaria immitis* (heartworm) antigen, C6 antibodies produced following *Borrelia burgdorferi* infection (Lyme), antibodies to *Ehrlichia* spp. (including *E. canis*, *E. ewingii*, and *E. chaffeensis*) and to *Anaplasma phagocytophilum*. **Accuplex™ and all panels that include Accuplex™ are not intended to meet export testing requirements.**	0.5 mL serum in red top or serum separator tube.	1-2 days
AC617	**Accuplex™ with Microfilaria Knotts** Accuplex™ screens for canine vector-borne pathogens. It detects *Dirofilaria immitis* (heartworm) antigen, C6 antibodies produced following *Borrelia burgdorferi* infection (Lyme), antibodies to *Ehrlichia* spp. (including *E. canis*, *E. ewingii*, and *E. chaffeensis*) and antibodies to *Anaplasma phagocytophilum*. Knott's test for detection of heartworm microfilaria is included. Not for export testing.	0.5 mL serum and 1.0 mL EDTA whole blood. Serum in red top or serum separator tube, lavender top.	1-2 days
S16872	***Anaplasma phagocytophilum* Ab** *Anaplasma phagocytophilum* Antibody Used to detect antibodies against *Anaplasma phagocytophilum* by IFA methodology. Exposure does not necessarily indicate that clinical signs are caused by infection. Canine and Equine.	1.0 mL serum in red top or serum separator tube.	1-4 days
T530	***Brucella canis* - Screen** This test is species-specific (dogs only). This is a screening test performed at 1:50 dilution. A titer is not performed. **Note:** Canine only. Test will not detect antibodies against *B. suis*, *B. melitensis*, and *B. abortus*. Use the *Brucella* AGID test if a dog may have been infected with *Brucella* from other species (e.g., from cattle, sheep, goats, pigs, sheep). Do not use this test for export.	0.5 mL serum in red top tube or serum separator tube.	1-3 days
S16131	***Brucella* Screen Multiplex** *Brucella* Screen Multiplex. Includes confirmatory testing with *Brucella* Slide Agglutination and AGID for samples with non-negative screen results An antibody detection for *Babesia canis* antigen via the Canine *Brucella* Multiplex Assay. Samples undergo sequential testing dependent upon initial results. If the Multiplex assay is positive, further testing is performed by Canine *Brucella* Slide Agglutination and AGID testing at no additional cost. **Note:** Canine only. This test can detect antibodies against *B. canis*, *B. suis*, *B. melitensis* and *B. abortus*.	2.0 mL serum in red top or other non-additive tube.	5-7 days

CODE	TEST NAME | DESCRIPTION | COMPONENTS	SPECIMEN	TAT*
SA265	**C5 Cat Viral** FeLV Antigen ELISA, Feline Coronavirus Titer, FIV Antibody Panel that assesses possible infectious etiologies including FeLV (antigen detection), FIV (antibody detection), and feline coronavirus (antibody detection) for the exhibited clinical signs. **Interferences:** Marked hemolysis or lipemia may result in false positive results on the FeLV Antigen ELISA.	0.75 mL serum in red top tube or serum separator tube.	1-3 days
S16135	**Calici Virus - IFA** Calici Virus A serology test evaluating for IgG antibody levels by IFA suggesting Feline calicivirus exposure. **Interferences:** Sample submitted in tubes with separator gel.	0.5 mL serum in red top tube.	3-5 business days
T555	**Canine Distemper Titer IgG, IgM** Distemper IgG and Distemper IgM This test provides an IgM and IgG titer for Canine Distemper. Titer pattern needs to be interpreted in light of the patient (duration of illness, clinical signs, vaccine history). Paired serology may be needed to confirm recent exposure. **Interferences:** Marked hemolysis or marked lipemia (if unable to clear by centrifugation).	0.5 mL serum in red top or serum separator tube.	1-3 days
ADD04	**Cocci AGID Add-on** Cocci AGID Serology by agar gel immunodiffusion (AGID) used most frequently to screen for exposure to Coccidioides *immitis*. This is an antibody test evaluating both IgM and IgG antibody. **Interferences:** Lipemia.	0.5 mL serum in red top or serum separator tube.	3-5 days
T535 **Add-on Equivalent ADD04**	**Coccidioidomycosis, Screen, and Titer** Serology by agar gel immunodiffusion is used most frequently to screen for exposure to Coccidioides. This is a titer test for antibodies directed against Coccidioides *immitis* (aka Valley Fever). **Interferences:** Lipemia.	0.5 mL serum in red top or serum separator tube.	3-5 days
T550	**Cryptococcal Antigen** Used as a diagnostic test for Cryptococcosis. Detects the presence of Cryptococcal antigen. **Note:** Serum and CSF submitted in a plain tube (white top or red top) are the only acceptable specimens. Plasma (any type) is not an acceptable specimen for this test. Body cavity fluid (e.g., CSF) cannot be submitted in a tube containing anticoagulant (e.g., LT) because the anticoagulant may invalidate the test.	0.5 mL serum in red top or serum separator tube, or cerebrospinal fluid in leak-proof transport tube.	1-3 days
T570 **Add-on Equivalent ADD05**	***Ehrlichia canis*** This test detects antibodies (IgG) directed against *Ehrlichia canis*. **Interferences:** Marked hemolysis and lipemia. Canine only. Test is not valid for export purposes.	0.5 mL serum in red top or serum separator tube.	1-2 days

CODE	TEST NAME | DESCRIPTION | COMPONENTS	SPECIMEN	TAT*
ADD05	***Ehrlichia canis* Add-on** Antibodies for *Ehrlichia canis* evaluated for by IFA. **Interferences:** Marked hemolysis and lipemia.	0.5 mL serum in red top or serum separator tube.	1-2 days
S16900	**Ehrlichiosis Serology Panel, Canine** *Ehrlichia canis*, *Anaplasma phagocytophilum* AB, *Neorickettsia risticii* AB. Evaluates for the presence of antibodies indicating exposure to *Ehrlichia canis*, *Anaplasma phagocytophilum*, and *Neorickettsia risticii*. **Interferences:** Marked hemolysis and lipemia.	2.0 mL serum in red top or serum separator tube.	1-7 days
T812	**Fecal Combo with Heartworm** Heartworm Antigen, Fecal O&P, Centrifugation, *Giardia* Detection of heartworm antigen and fecal analysis via zinc sulfate centrifugation/ flotation and *Giardia* ELISA for Ova and Parasite (O&P) detection (**T808, page 81**). **Note:** Sample should be evaluated within 24 hours of collection. If a worm has been identified in the sample, separate the worm and place in a container labeled Worm in black marker. Additionally, indicate Worm on TRF type included with submission.	0.5 mL serum in red top or serum separator tube, and 6.0 grams of feces. Serum in red top or serum separator tube, ANTECH™ provided fecal container.	1-2 days
T593	**Feline Coronavirus Exposure Titer** This test is run at a dilution of 1:25. The purpose of this test is to determine if a cat has any evidence of exposure to any coronavirus (FIP or enteric coronavirus).	0.5 mL serum in red top or serum separator tube.	1-3 days
T595	**Feline Coronavirus Titer** This test determines if a cat has antibody titers against Feline Coronavirus (FCV). Titers are determined at 1:400 and 1:1600. A result of less than 1:400 is not the same as a negative titer. A titer of less than 1:400 indicates that the cat does not have high antibody concentrations against FCV. **Interferences:** Marked hemolysis and lipemia.	0.5 mL serum in red top or serum separator tube.	1-3 days
SA270	**Feline Serology 2** FeLV Antigen ELISA, FIV Antibody, Feline Coronavirus Titer, Cryptococcal Antigen, *Toxoplasma* Ab - IgG/IgM Panel that assesses possible infectious etiologies including FeLV (**T580, page 75**), FIV (**T610, page 76**), feline coronavirus (**T595, page 75**), Cryptococcus neoformans (**T550, page 74**), and *Toxoplasma gondii* (**T720, page 80**) for the exhibited clinical signs. **Interferences:** Marked hemolysis or lipemia may result in false positive results on the FeLV Antigen ELISA.	1.0 mL serum in red top or serum separator tube.	1-3 days
T580 **Add-on Equivalent ADD06**	**FeLV Antigen ELISA** Test detects FeLV antigen by ELISA methodology. **Interferences:** Marked hemolysis or lipemia may cause false positive results.	0.5 mL serum in red top or serum separator tube.	1-2 days

CODE	TEST NAME | DESCRIPTION | COMPONENTS	SPECIMEN	TAT*
ADD06	**FeLV Antigen ELISA Add-on** Test detects FeLV antigen by ELISA methodology. **Interferences:** Marked hemolysis and lipemia. Marked hemolysis and lipemia may result in false positive results.	0.5 mL serum in red top or serum separator tube.	1-2 days
T585	**FeLV IFA** This is an immunofluorescence assay run on blood or bone marrow smears to look for evidence that Feline Leukemia Virus (FeLV) has infected the cat's bone marrow. **Note:** requires unstained blood or bone marrow smears.	2 freshly prepared, unstained blood smears or 2 unstained bone marrow smears.	1-3 days
S6234	**FeLV PCR** Used to detect FeLV using PCR in cases where ELISA and IFA are inconclusive. Results are reported as positive or negative. **Note:** Samples should be refrigerated. 1-5 grams of bone marrow in a leak-proof container or 1.0 mL EDTA whole blood in a lavender top tube.	1 to 5 grams bone marrow in leakproof container.	7-10 days
ADD07	**FeLV, FIV ELISA Add-on** FeLV Antigen ELISA, FIV AB Evaluation for the presence of FeLV antigen (ELISA) and FIV antibodies (IFA). **Interferences:** Marked hemolysis and lipemia. Marked hemolysis or lipemia may result in false positive results on the FeLV Antigen ELISA.	0.5 mL serum in red top or serum separator tube.	1-2 days
SA260 **Add-on Equivalent ADD07**	**FeLV, FIV Special** FeLV Antigen ELISA, FIV Antibody Evaluation for the presence of FeLV antigen (ELISA) and FIV antibodies (IFA). **Interferences:** Marked hemolysis or lipemia may result in false positive results on the FeLV Antigen ELISA.	0.5 mL serum in red top or serum separator tube.	1-2 days
SA266	**FeLV, FIV, Feline Heartworm Antigen** FeLV Antigen ELISA, FIV Antibody, Heartworm Antigen, Feline Evaluation for the presence of FeLV antigen (ELISA), antibodies to FIV (IFA), and heartworm antigen. **Interferences:** Marked hemolysis or lipemia may result in false positive results on the FeLV Antigen ELISA.	0.5 mL serum in red top or serum separator tube.	1-2 days
SA269	**FeLV, FIV Heartworm Ab** FeLV Antigen ELISA, FIV Antibody, Heartworm Antibody, Feline Evaluation for the presence of FeLV antigen (ELISA), FIV (IFA) and heartworm antibody. **Interferences:** Marked hemolysis or lipemia may result in false positive results on the FeLV Antigen ELISA.	0.5 mL serum in red top or serum separator tube.	1-2 days
T610 **Add-on Equivalent ADD15**	**FIV Antibody** Evaluation for the presence of FIV antibody by IFA.	0.5 mL serum in red top or serum separator tube.	1-2 days

CODE	TEST NAME | DESCRIPTION | COMPONENTS	SPECIMEN	TAT*
ADD15	**FIV Antibody Add-on** Evaluation for the presence of FIV antibody by IFA.	0.5 mL serum in red top or serum separator tube.	1-2 days
S86325	***Giardia* PCR TVMDL**	Submit one of the following samples: 1 gram feces, 1.0 mL intestinal content, or 1-2 grams fresh intestine in leakproof container.	5-10 business days
T613	**Heartworm Ag-Heat-Treated Serum** Heartworm Antigen using heat-treated serum This test is to be done on HW negative samples that are thought to be false negative because of antigen/antibody complexes. This test is NOT recommended for samples that are already HW antigen-positive or borderline positive. **Interferences:** Marked hemolysis and lipemia. Marked hemolysis may cause false positive result. Marked lipemia may cause false negative results.	1.0 mL serum in red top or serum separator tube.	2-3 days
T625	**Heartworm Antibody, Feline** This test evaluates for antibodies consistent with heartworm exposure. **Interferences:** Marked hemolysis and lipemia.	0.5 mL serum in red top or serum separator tube.	1-2 days
T630	**Heartworm Antibody, Antigen Feline** This test evaluates for antibodies consistent with heartworm exposure and antigens consistent with the presence of female adult heartworm. **Interferences:** Marked hemolysis and lipemia.	0.5 mL serum in red top or serum separator tube.	1-2 days
T615 **Add-on Equivalent ADD70**	**Heartworm Antigen** This test evaluates for the presence of heartworm antigen. **Interferences:** Marked hemolysis and lipemia.	0.5 mL serum in red top or serum separator tube.	1-2 days
T620	**Heartworm Antigen** This test evaluates for the presence of heartworm antigen. **Interferences:** Marked hemolysis and lipemia.	0.5 mL serum in red top or serum separator tube.	1-2 days
T617	**Heartworm Antigen, Microfilaria** Microfilaria - Knotts, Heartworm Antigen This test evaluates for the presence of heartworm antigen (female adult heartworm) and a Knotts test is performed to evaluate for microfilariae. **Interferences:** Marked hemolysis and lipemia.	0.5 mL serum in red top or serum separator tube and 1.0 mL EDTA whole blood in lavender top tube.	1-2 days

CODE	TEST NAME | DESCRIPTION | COMPONENTS	SPECIMEN	TAT*
ADD70	**Heartworm Antigen Add-on** This test evaluates for the presence of heartworm antigen. **Interferences:** Marked hemolysis and lipemia.	0.5 mL serum in red top or serum separator tube.	1-2 days
T618	**Heartworm, Ova and Parasite** Heartworm Antigen, Fecal O&P with Centrifugation Heartworm antigen detection and fecal analysis via zinc sulfate centrifugation/ flotation for Ova and Parasite (O&P) detection (**T805, page 81**).	0.5 mL serum and 5.0 grams of feces. Serum in red top or serum separator tube, ANTECH™ provided fecal container.	1-2 days
T380 **Add-on Equivalent ADD20**	**Hemotropic *Mycoplasma*** *Mycoplasma haemofelis* Microscopic evaluation of a fresh blood smear for Hemotropic mycoplasma. **Interferences:** Marked hemolysis.	1.0 mL EDTA whole blood in lavender top tube.	24 hours
ADD20	**Hemotropic *Mycoplasma* Add-on** *Mycoplasma haemofelis* Microscopic evaluation of a fresh blood smear for Hemotropic mycoplasma. **Interferences:** Marked hemolysis.	1.0 mL EDTA whole blood in lavender top tube.	24 hours
S14544	**Heska™ Feline Heartworm Antibody** Feline HW Ab Immunoassay that detects patient antibodies (IgG) against *Dirofilaria immitis*. **Note:** 2024 American Heartworm Society (AHS) Guidelines recommend combination of antibody and antigen test (S14546).	0.5 mL serum in red top or serum separator tube	5-10 business days
S14546	**Heska™ Feline Heartworm Antibody/Antigen** Feline HW Ag, Feline HW Ab Per 2024 American Heartworm Society (AHS) Guidelines, this test combines Heatworm Antibody (S14544) and Heartworm Antigen (S14545). Serum/plasma heat-treated before the antigen test.	1.0 mL serum in red top or serum separator tube	5-10 business days
S14545	**Heska™ Feline Heartworm Antigen (Heat-Treated Serum)** Feline HW Ag Immunoassay that detects antigen from adult female *Dirofilaria immitis*. Per 2024 American Heartworm Society (AHS) Guidelines, the serum/plasma is heat-treated before analysis. **Note:** 2024 AHS Guidelines recommend combination of antibody and antigen test (S14546).	0.5 mL serum in red top or serum separator tube.	5-10 business days
S86096	**Influenza - Canine Acute** H3N8 and H3N2 influenza antibody detection Hemagglutination inhibition test used to detect for the presence of antibody to H3N8 and H3N2 influenza viruses.	1.0 mL serum in red top tube.	10-14 business days

CODE	TEST NAME | DESCRIPTION | COMPONENTS	SPECIMEN	TAT*
S16510	**Leptospirosis** *L. pomona*, *L. icterohaemorrhagiae*, *L. canicola*, *L. grippotyphosa*, *L. hardjo*, *L. autumnalis*, *L. bratislava* The results of this test include a semi-quantitative titer for serovars. **Interferences:** Recent vaccination (within one month) may interfere with testing. **Note:** Test is not species specific.	1.0 mL serum in red top tube or serum separator tube.	3-5 days
T670	**Lyme Titer IgG** Detection of IgG consistent with exposure (natural or vaccinal) to *Borrelia burgdorferi* **Interferences:** Marked hemolysis and lipemia. **Note:** Test does not distinguish between natural and vaccinal Lyme exposure.	0.5 mL serum in red top or serum separator tube.	1-2 days
T390	**Microfilaria - Knotts** This is a concentration test involving whole blood that is more sensitive than the examination of a peripheral blood smear to determine the presence of microfilariae. **Interferences:** Marked hemolysis.	1.0 mL EDTA whole blood in lavender top tube.	1-2 days
S16560	***Neospora caninum* - IFA** Results are expressed as an antibody titer consistent with exposure to *Neospora caninum*.	1.0 mL serum in red top or serum separator tube.	7-10 days
T695	**Parvovirus Antigen** Detects parvovirus antigen in fecal samples. **Note:** Modified live virus vaccination for parvovirus may give false-positive results for about two weeks after vaccination. A negative test does not rule out parvovirus infection.	5.0 grams of feces in ANTECH™ provided fecal container.	1-2 days
S1204	**Rabies Diagnostic Non-Export** Rabies Antibody Titer, Non-export Results are reported as an antibody titer. **Note:** Not to be used for export. In the case of export, the individual country's guidelines for testing need to be reviewed. With regards to Rabies vaccination guidelines and the utility of titers, the clinician is recommended to refer to state/provincial guidelines for vaccination requirements.	1.5 mL serum in red top or serum separator tube.	3-4 weeks
S17108	**Rabies Export - FAVN** Rabies Antibody Titer, Export by FAVN Evaluation of rabies titer by fluorescent antibody virus neutralization. **Interferences:** Marked hemolysis and lipemia. **Note:** Complete FAVN form. For optimum antibody response, wait 10-21 days between vaccination and drawing blood sample for testing (or 14-30 days if drawing blood sample after primary vaccination).	1.5 mL serum in red top or serum separator tube (with FAVN form).	4-5 weeks **Note:** extended turnaround time is reflective of seasonal volume at KSU's Rabies Laboratory.

CODE	TEST NAME | DESCRIPTION | COMPONENTS	SPECIMEN	TAT*
T715	**Rocky Mt Spotted Fever IFA** Rocky Mountain Spotted Fever (IFA) Evaluates for IgG antibody consistent with exposure to *Rickettsia rickettsii*. **Interferences:** Marked hemolysis and lipemia.	0.5 mL serum in red top or serum separator tube.	1-2 days
T720	***Toxoplasma* Ab - IgG/IgM (Feline)** Detection of IgG and IgM antibodies to *Toxoplasma gondii*. **Interferences:** Marked hemolysis and lipemia. This code is for domestic cats only. Alternative codes are available for canines and exotic animals (including felines).	0.5 mL serum in red top or serum separator tube.	1-2 days
S18708	***Toxoplasma gondii* PCR** Used to evaluate for the presence of *Toxoplasma gondii* in cases where toxoplasmosis is suspected. **Note:** preferred specimens include whole blood, bronchoalveolar lavage, transtracheal wash, or lymph nodes aspirate.	**One of the following specimen types:** • 0.5 mL EDTA whole blood in lavender top tube. • 0.5 mL CSF in lavender top tube. • 1.0 mL transtracheal wash or BAL lavage in lavender top tube. • 0.15 mL aqueous humor in lavender top tube. • Tissue (fresh or fixed in leakproof container), or embedded in paraffin block.	7-10 days
S85030	**Toxoplasmosis IgG/IgM** *Toxoplasma* IgG, *Toxoplasma* IgM Detection of IgG and IgM antibodies to *Toxoplasma gondii*. **Note:** when submitting CSF, it is recommended that serum be submitted as well.	1.0 mL serum (canine) in red top or serum separator tube.	5-7 days
S85819	***Tritrichomonas* PCR** Used to evaluate for the presence of *Tritrichomonas foetus* in the feces of a patient with the appropriate clinical signs. **Note:** feces should be diarrheic and not be contaminated with cat litter. Fecal samples collected using a fecal loop are preferred.	1 gram fresh feces.	1-2 days
S16581	**Vaccine Panel Panleukopenia, Rhino, Calici** Feline Panleukopenia, Rhinotracheitis, and Calicivirus Vaccinal Titers This is a semi-quantitative titer that is correlated to the amount of protective humoral antibody present in relation to previous feline panleukopenia (**S16053, page 116**), rhinotracheitis (**S16702, page 118**), and calicivirus vaccination (S16112).	2.5 mL serum in red top or serum separator tube.	3-14 days

CODE	TEST NAME | DESCRIPTION | COMPONENTS	SPECIMEN	TAT*
T820 **Add-on Equivalent ADD250**	***Giardia* (ELISA)** The *Giardia* antigen capture Enzyme-linked Immunosorbent Assay (ELISA) is a fecal procedure designed to detect a *Giardia* specific antigen.	5.0 grams fresh fecal specimen in ANTECH™ provided fecal container.	1-2 days
ADD250	***Giardia* (ELISA) Add-on** The *Giardia* antigen capture Enzyme-linked Immunosorbent Assay (ELISA) is a fecal procedure designed to detect a *Giardia* specific antigen.	5.0 grams fresh fecal specimen in ANTECH™ provided fecal container.	1-2 days
T806	**Ova and Parasite (O&P) with Centrifugation, Smear** Fecal Ova and Parasite (O&P) and direct smear evaluation. O&P samples are appropriately mixed with zinc sulfate solution, centrifuged, followed by flotation and slide evaluation. Fecal direct smear evaluation is used to check for adult protozoal organisms. **Note:** Sample should be evaluated within 24 hours of collection for O&P. For protozoal organisms, smears should be fresh and are best evaluated in-house immediately after sample collection. If a worm has been identified in the sample, separate the worm and place it in a container labeled Worm in black. Additionally, mark Worm on the TRF being submitted with the sample.	5.0 grams of feces in ANTECH™ provided fecal container.	1-2 days
T805	**Ova and Parasite (O&P) with Centrifugation** Fecal O&P detection. Samples are appropriately mixed with zinc sulfate solution, centrifuged, followed by flotation and slide evaluation. **Note:** Sample should be evaluated within 24 hours of collection. If a worm has been identified in the sample, separate the worm and place it in a container labeled Worm in black, additionally mark Worm on the TRF being submitted with the sample.	5.0 grams of feces in ANTECH™ provided fecal container.	1-2 days
T808	**Ova and Parasite (O&P) with *Giardia*** O&P with Centrifugation and *Giardia* Fecal Ova and Parasite (O&P) and *Giardia* Ag detection by ELISA. O&P samples are appropriately mixed with zinc sulfate solution, centrifuged, followed by flotation and slide evaluation. *Giardia* ELISA is considered more sensitive than a single floatation test. **Note:** Sample should be evaluated within 24 hours of collection. If a worm has been identified in the sample, separate the worm and place in a container labeled Worm. Additionally, mark Worm on the TRF being submitted with the sample.	6 grams of feces in ANTECH™ provided fecal container.	1-2 days

Microbiology

CODE	TEST NAME | DESCRIPTION | COMPONENTS	SPECIMEN	TAT*
M010	**Acid Fast Stain - Micro** Acid fast stain Acid-fast stain applied to an air-dried smear to determine if mycobacteria present in sample provided. **Note:** Air dried smear is the preferred sample submission.	1 air-dried smear prepared from one of the following specimens: Cerebral spinal fluid, feces (from dogs, cats, horses, herbivores and avians), gastric aspirate, sputum, tissue, transtracheal aspirates, urine, or wound.	1-3 days
M040	**Culture, Aerobic and Anaerobic** This test is used when a bacterial infection is suspected in a tissue or fluid, but it is uncertain whether an aerobic or an anaerobic organism is the cause. See codes **M020, page 84** and **M030, page 86** for additional sample submission instructions and acceptable specimens.	Separate culturette for aerobic and anaerobic culture set-up.	3-5 days
M050	**Culture, Aerobic and Fungal** Aerobic Culture and Fungal Culture This test is used when an aerobic bacterial infection or fungal infection is suspected in a tissue or fluid. **Note:** DTM plates are acceptable for fungal ID. However, please indicate the source of the specimen plated.	**Aerobic culture:** Culturette. **Fungal culture:** Dry hair, nails, skin scraping, body fluid, or lesion material collected in a sterile non-additive tube.	3-21 days
M060	**Culture, Aerobic (Blood)** This test is utilized when bacteremia with an aerobic organism is suspected. Submit a single sample in a BACTEC bottle. **Interferences:** Antibiotics. **Note:** Submit in BACTEC aerobic culture bottle. Clip fur and scrub venipuncture site for aseptic collection. Aim to collect 1.0 mL for cats and small dogs, 2-3 mL for larger dogs to be inoculated into 20 mL bottle. Don't unscrew caps on bottles. Remove the protective top and wipe visible parts of the rubber stopper with 70% ethanol. Allow stopper to air dry or wipe with sterile gauze. Replace the drawing needle with a sterile needle before puncturing the rubber stopper, fill until vacuum stops, then gently invert the bottle to mix. Anticoagulants in the media will prevent blood from clotting.	Whole blood collected in BD Bactec Blood Culture Bottle (BCB) with 1-3 mL whole blood added to bottle.	3-5 days

CODE	TEST NAME | DESCRIPTION | COMPONENTS	SPECIMEN	TAT*
M061	**Culture, Blood Aerobic/Anaerobic** Aerobic and Anaerobic Blood Culture This test is utilized when bacteremia is suspected. Submit a single sample in two separate BACTEC bottles as required for aerobic and anaerobic culture. **Interferences:** Prior to culture submission, patient should be off antibiotics for seven to ten days. **Note:** Submit two BACTEC culture bottles (pink label and gold label). Clip fur and scrub venipuncture site for aseptic collection. Aim to collect 1.0 mL for cats and small dogs, 2-3 mL for larger dogs to be inoculated into BacTec Peds Plus pink cap/strip bottle. Anaerobic blood culture bottles with orange cap/gold strip require 3-10 mL of blood. Don't unscrew caps on bottles. Remove the protective top and wipe visible parts of the rubber stopper with 70% ethanol. Allow stopper to dry or wipe with sterile gauze. Replace the drawing needle with a sterile needle before puncturing the rubber stopper, fill until the vacuum stops, then gently invert the bottle to mix. Anticoagulants in the media will prevent blood from clotting.	Whole blood collected in two separate BD Bactec Blood. Culture Bottles (BCB): 1 aerobic BD Bactec BCB with 1-3 mL whole blood added to bottle and 1 anaerobic BD Bactec BCB with 8-10 mL whole blood added to bottle.	5 days
M062	**Serial Blood Culture X2** Bacterial culture and MIC Sensitivity testing Utilize this test when bacteremia is suspected. Aerobic/anaerobic cultures are obtained at two separate time points. Each single time point requires two separate BACTEC bottles as indicated for aerobic and anaerobic culture. **Interferences:** Antibiotics. **Note:** Submit two BACTEC culture bottles (pink label and gold label) for each time point. For each collection, clip fur and scrub venipuncture site for aseptic collection. Aim to collect 1.0 mL for cats and small dogs, 2-3 mL for larger dogs to be inoculated into BacTec Peds Plus pink cap/strip bottle. Anaerobic blood culture bottles with orange cap/gold strip require 3-10 mL of blood. Don't unscrew caps on bottles. Remove the protective top and wipe visible parts of the rubber stopper with 70% ethanol. Allow stopper to dry or wipe with sterile gauze. Replace the drawing needle with a sterile needle before puncturing the rubber stopper, fill until the vacuum stops, then gently invert the bottle to mix. Anticoagulants in the media will prevent blood from clotting.	2 sets of aerobic and anaerobic Bactec blood culture bottles (one set for each single time point).	5 days

CODE	TEST NAME | DESCRIPTION | COMPONENTS	SPECIMEN	TAT*
M063	**Serial Blood Cultures X3** Bacterial culture and MIC Sensitivity testing Utilize this test when bacteremia is suspected. Aerobic/anaerobic cultures are obtained at three separate time points. Each single time point requires two separate BACTEC bottles as indicated for aerobic and anaerobic culture. **Interferences:** Antibiotics. **Note:** Submit two BACTEC culture bottles (pink label and gold label) for each time point. For each collection, clip fur and scrub venipuncture site for aseptic collection. Aim to collect 1.0 mL for cats and small dogs, 2-3 mL for larger dogs to be inoculated into BacTec Peds Plus pink cap/strip bottle. Anaerobic blood culture bottles with orange cap/gold strip require 3-10 mL of blood. Don't unscrew caps on bottles. Remove the protective top and wipe visible parts of the rubber stopper with 70% ethanol. Allow stopper to dry or wipe with sterile gauze. Replace the drawing needle with a sterile needle before puncturing the rubber stopper, fill until the vacuum stops, then gently invert the bottle to mix. Anticoagulants in the media will prevent blood from clotting.	3 sets of aerobic and anaerobic Bactec blood culture bottles (one set for each single time point).	5 days
M070	**Culture, ID** This test is for bacterial culture and identification only. No sensitivity is performed.	Culturette from fluid (body cavity fluids), TTW, BAL, wound, lesion, skin, or environmental sample. Tissue sample in saline. Culturette, red top or white top tube with fluid, or other sterile container. Samples collected in EDTA tube are not acceptable.	2-4 days If a fastidious organism is observed, the listed turnaround time may be extended.
M020	**Culture, Aerobic** Aerobic Culture and MIC sensitivity testing This test is used when an aerobic bacterial infection is suspected in a tissue or fluid. In the case of a positive culture of relevant bacteria, sensitivities are performed and reported. **Interferences:** Prior to culture submission, patient should be off antibiotics for seven to ten days. **Note:** When submitting samples from multiple sources, each culture source should be a separate submission: each with a sample (labeled accordingly with source) and a Test Requisition Form (TRF). When submitting fluid, place it in a RTT. Samples collected in EDTA are not acceptable. Submit tissue samples in RTT with a few drops of saline (to keep moist) and refrigerate prior to transportation to laboratory.	Culturette from fluid (body cavity fluids), TTW, BAL, wound, lesion, skin. Tissue sample in saline. Culturette, red top or white top tube with fluid, or other sterile container. Samples collected in EDTA tube are not acceptable.	3-4 days Preliminary report available every 24 hours. Final culture result available in 72 hours. If a fastidious organism is observed, the listed turnaround time may be extended.

CODE	TEST NAME | DESCRIPTION | COMPONENTS	SPECIMEN	TAT*
M110	**Culture, *Mycoplasma*** Use this test when mycoplasma infection is suspected. **Interferences:** Antibiotics. **Note:** Submit uterine, cervical, vaginal, lung tissue, mucus, semen, or fluids (tracheal wash, pericardial effusion, urine) in a sterile container or on a culturette/dry swab. Do not submit milk samples under this code (use 85694). Copan swabs can also be submitted but cannot be submitted in gel. Samples can also be submitted in Aimes transport media without charcoal.	Culturette of body fluid, TTW, semen, fresh urine, uterine, cervical, vaginal or lung tissue (with sample source indicated). Blue swab.	7-10 days
M130 **Add-on Equivalent ADD210**	**Culture, Urine** FIRSTract™ Urine Culture followed by plating in the case of a positive result for bacterial identification and sensitivity. FIRSTract™ is a rapid broth culture system that uses light scattering technology to reliably detect bacterial growth more rapidly than traditional plate culture techniques. When bacterial growth is detected by FIRSTract™, plate culture for bacterial identification and antimicrobial susceptibility is automatically performed. **Interferences:** Antimicrobial therapy in the preceding 7-10 days may interfere with bacterial growth.	2.0 mL cystocentesis, clean catch or catheterized urine in sterile red top tube or urine transport tube.	1-3 days FIRSTract™ result available within 12 hours. If plate culture is subsequently indicated, preliminary reports available every 24 hours. Canine urine culture final result available in 48 hours. Feline urine culture final result available in 72 hours. If a fastidious organism is observed, the listed turnaround time may be extended.
ADD210	**Culture, Urine Add-on** FIRSTract™ Urine Culture followed by plating in the case of a positive result for bacterial identification and sensitivity FIRSTract™ is a rapid broth culture system that uses light scattering technology to reliably detect bacterial growth more rapidly than traditional plate culture techniques. When bacterial growth is detected by FIRSTract™, plate culture for bacterial identification and antimicrobial susceptibility is automatically performed. **Interferences:** Antimicrobial therapy in the preceding 7-10 days may interfere with bacterial growth.	2.0 mL cystocentesis, clean catch or catheterized urine in sterile red top tube or urine transport tube.	1-3 days FIRSTract™ result available within 12 hours. If plate culture is subsequently indicated, preliminary reports available every 24 hours. Canine urine culture final result available in 48 hours. Feline urine culture final result available in 72 hours. If a fastidious organism is observed, the listed turnaround time may be extended.
M130R	**Culture, Urine Recheck** FIRSTract™ is a rapid broth culture system that uses light scattering technology to reliably detect bacterial growth more rapidly than traditional plate culture techniques. When bacterial growth is detected by FIRSTract™, plate culture for bacterial identification and antimicrobial susceptibility is automatically performed. **Interferences:** Antimicrobial therapy in the preceding 7-10 days may interfere with bacterial growth.	2.0 mL cystocentesis, clean catch or catheterized urine in sterile red top tube or urine transport tube.	1-3 days FIRSTract™ result available within 12 hours. If plate culture is subsequently indicated, preliminary reports available every 24 hours. Canine urine culture final result available in 48 hours. Feline urine culture final result available in 72 hours. If a fastidious organism is observed, the listed turnaround time may be extended.

CODE	TEST NAME | DESCRIPTION | COMPONENTS	SPECIMEN	TAT*
M100	**Culture, Acid Fast Bacilli** Mycobacterial culture and acid fast staining only Use this test when a mycobacterial infection of fluid/tissue is suspected. **Interferences:** Antimicrobials.	Urine, CSF, sputum, or tissue in sterile container or Copan swab (without contact with gel).	8 weeks
M030	**Culture, Anaerobic** Anaerobic culture with identification of organism(s). This test is used when an anaerobic bacterial infection is suspected in a tissue or fluid. **Interferences:** Samples with exposure to air or if dried will preclude accurate testing. **Note:** Fluids should be submitted in an RTT. Tissue should be submitted in an air-tight, sterile container. No saline is necessary. Sensitivities are not performed, but drugs of choice for anaerobes are provided as a guide.	Anaerobic culturette from fluid (body cavity fluids), TTW, BAL, wound, lesion, skin. Tissue sample (at least 2 cm x 2 cm) in sterile, air tight container. A separate sample should be submitted for each culture source. Culturette, red top or white top tube with fluid, or other sterile container. Samples collected in EDTA tube are not acceptable.	3-5 days Preliminary report issued 3rd day. Final culture result issued 4th day.
CAMP	**Culture, *Campylobacter*** Use this test when a *Campylobacter* infection is suspected to be the cause of gastroenteritis that is not responding to conservative management. **Interferences:** Antibiotic therapy, dried swab.	2.0 grams of feces in sterile container or in *Campylobacter*-Thioglycolate broth (Campy-Thio broth).	3-4 days
M240	**Culture, Dermatophytes** Use this test to investigate ringworm (dermatophyte fungal infections) as a cause for skin lesions.	Hair, nails, or skin scraping in plain container. DTM bottle	3 weeks Preliminary report every 7 days. Final report available at 3 weeks (or upon identification).
M160	**Culture, Feces** Culture specifically evaluates for *Salmonella*, *Shigella* and *Campylobacter* spp. Fecal PCR testing is more sensitive and tests for a broader array of potential pathogens.	5.0 grams of feces in ANTECH™ provided fecal container. Submission in lavender top tube (with EDTA) is not acceptable.	3-4 days Preliminary report every 24 hours. Final report available in 72 hours.
M080	**Culture, Fungal** If Ringworm is suspected, use code T983 or T987. This test is for fungal culture and identification. Not for suspected ringworm infections. Label sample and submission form with source. Indicate on submission form if dimorphic fungal infection is suspected (E.g., coccidioidomycosis, blastomycosis, or histoplasmosis). Test includes fungal culture with identification. Sensitivities are not included.	One or more of the following: Dry hair, nails, skin scraping, body fluid, or lesion material collected in a sterile red top or other sterile container without additive (dry, without saline). DTM bottle, culturette, container.	21 days Preliminary report every 7 days. Final report available at 21 days (3 weeks) or upon identification.

CODE	TEST NAME | DESCRIPTION | COMPONENTS	SPECIMEN	TAT*
M255	**Ear Culture** Ear Aerobic Culture and Sensitivity An aerobic culture of material obtained from the ear canal. **Interferences:** Antibiotics.	Culturette from ear.	3-5 days Preliminary report available every 24 hours. Final culture result available in 72 hours.
M076	**Environmental Culture**	Culturette of environmental sample.	3-4 days Preliminary report available every 24 hours. Final culture result available in 72 hours.
M082	**Fungal Identification** Used after fungal growth has occurred in order to identify the fungi as dermatophytes versus saprophytic fungi. **Note:** If there is no growth on the sample, this is converted to **M080, page 86**.	DTM fungal culture bottle, or fungal culture plate.	2 days If further culturing is required, testing may be extended 7-10 days.
M090	**Gram Stain** This test is used to investigate the presence and morphology of bacteria, yeast, and fungi. **Note:** Place specimen on a slide or submit material to prepare a slide. Store at room temperature.	Prepared smear (unstained) from fluid (body cavity fluids, TTW or BAL), feces, urine, wound or lesion material. Culturette, slide holder.	1-2 days
M280	**Ophthalmic Aerobic Culture** An aerobic culture to determine eye-specific antibiotic susceptibility.	Culturette of eye. Submission of 2 culture swabs is preferred. **Note:** When submitting samples from separate sources (left and right eye), each culture source should be a separate submission with sample(s) labeled accordingly with source and accompanied by a test requisition form (TRF).	3-5 days Preliminary report available every 24 hours. Final culture result available in 72 hours.
M120	***Salmonella*, *Shigella*, *Campylobacter*** *Campylobacter* Culture, Fecal Culture (*Salmonella* and *Shigella*) Culture specifically evaluates for *Salmonella*, *Shigella* and *Campylobacter*. Fecal PCR testing is more sensitive and tests for a broader array of potential pathogens. **Note:** Submit feces in a sterile container, a culturette, or in a Campy thio broth.	7 grams of feces or fecal culturette.	3-4 days Preliminary report available every 24 hours. Final culture result available in 72 hours.
M135	**Urine Culture (Aerobic and Anaerobic)** Aerobic culture performed by FIRSTract™ methodology followed by standard plating in cases of positive growth. Anaerobic culture performed by standard plating but sensitivities are not performed.	0.5 mL cystocentesis, clean catch or catheterized urine in sterile container.	3-5 days

Pathology

CODE	TEST NAME | DESCRIPTION | COMPONENTS	SPECIMEN	TAT*
BONECBC	**Bone Marrow and CBC** Bone Marrow Cytology and Complete Blood Count (CBC) This test includes a microscopic evaluation of bone marrow. The report includes descriptions of cellularity, assessment of cell lineage, and pathologist comments. The CBC submitted at the time of the bone marrow sampling is utilized in the interpretation of the bone marrow evaluation to allow for a more complete assessment of the hematopoietic system. A detailed history and time course of events will further aid the pathologist in the interpretation of the findings. **Note:** Ensure the appropriate labeling of lavender top tubes (bone marrow and peripheral blood). Provide a detailed history and any relevant clinicopathologic data for the pathologist's interpretation.	4 to 5 air-dried bone marrow slides or bone marrow sample, and 1.0 mL EDTA whole blood.	1-3 days
BMBC	**Bone Marrow Core Biopsy** This test examines bone marrow for patients with hematopoietic abnormalities. Submit biopsies of marrow in formalin. For best results, a CBC should be submitted simultaneously — this gives the clinical pathologist a more complete view of the hematopoietic system and can help pinpoint disease. A detailed history and time course of events will further aid the clinical pathologist in interpreting the findings. For patients with suspected osteomyelitis or tumors of bone, submit biopsies in formalin (or complete limbs dampened with saline) and refrigerated using the standard biopsy FBX test code.	Bone marrow needle cores should be taken from the proximal humerus with a 11-to-13-gauge Jamshidi needle 3 to 4 inches long. Submit samples in 10% neutral buffered formalin in an approved biopsy container. Always ship formalin containers separately from cytology slides and other samples. To prevent severe biopsy damage when temperatures are below freezing, we recommend adding 1:10 ratio of isopropyl alcohol (70% or greater) to 10% neutral buffered formalin.	3-5 business days
BONE	**Bone Marrow Cytology** This test includes a microscopic evaluation of bone marrow. The report includes description of cellularity, assessment of cell lineage, and pathologist comments. **Note:** for maximal diagnostic utility, a CBC should be submitted at the time of bone marrow sampling. Additionally, submission of a core biopsy along with an aspirate is necessary for a complete bone marrow evaluation. If submitting bone marrow aspirate slides and a core biopsy sample (formalin), ensure that the formalin sample is in a separate zip lock bag.	4 to 5 air dried bone marrow slides or bone marrow sample in lavender top tube.	1-3 days
T325	**Buffy Coat Cytology for Mast Cells** Used to assess for the presence of mast cells, evaluate for hemiparasites/infectious agents, or to do a differential on a Complete Blood Count (CBC) with low white cells.	1.0 mL EDTA whole blood in lavender top tube.	1-3 days

CODE	TEST NAME | DESCRIPTION | COMPONENTS	SPECIMEN	TAT*
S86793	**Canine Melanoma Diagnostic Panel, Add-on** **Note:** This is an add-on test ONLY after histopathological evaluation of submitted tissue, and based on pathologist recommendations.	This testing is only available on biopsy samples that have been submitted to ANTECH™ for histopathologic analysis.	10-14 days following finalized histopathology
S86792	**Canine Melanoma Prognostic, Add-on** Note: This is an add-on test ONLY after histopathological evaluation of submitted tissue, and based on pathologist recommendations.	This testing is only available on biopsy samples that have been submitted to ANTECH™ for histopathologic analysis.	10-14 days following finalized histopathology
CYTO	**Cytology** This test includes a microscopic evaluation of cells. The report includes cytologic interpretation, diagnosis, and comments regarding etiology and biological behavior where applicable. **Note:** Single source.	Two or more air-dried and unstained slides. Please provide a clinical history and label each slide with patient name/source. Lavender top with fluid, red top with fluid, air-dried unstained slides.	1-3 days
DERM	**Dermatopathology with DACVD Consult** Includes preparation of sample and microscopic interpretation by an anatomical pathologist. This specialty biopsy is supported by a team of board-certified anatomic pathologists who are experienced in dermatopathology. A boarded pathologist will evaluate the tissue submitted for Histopathology. **Reports include:** Source, microscopic description, microscopic findings and pathologist's comments and direct contact information. In addition, where applicable, reports include margin evaluation, tumor grading, and interpretation of special stains.	Submit tissue in 10% neutral buffered formalin, in a biopsy container available through ANTECH™ or other plastic, leak-proof, wide mouth 1 L or smaller container labelled with patients name, tissue source, and date. Tissue specimens larger than 20 cm are most easily handled by sending them fresh: NO formalin, only enough saline to keep the sample moist, triple bagged to prevent leakage (leaks delay shipping), and refrigerated until pickup. To prevent severe biopsy damage when temperatures are below freezing, we recommend adding 1:10 ratio of isopropyl alcohol (70% or greater) to 10% neutral buffered formalin.	Histopathology report: 3-5 business days. Consultation report: Additional 1-3 business days. Samples requiring decalcification or other special handling may take longer to process than the stated turnaround time.

CODE	TEST NAME	DESCRIPTION	COMPONENTS	SPECIMEN	TAT*
DERMPATH	**Dermatopathology, No DACVD Consult** A boarded pathologist will evaluate the tissue submitted for Histopathology. **Reports include:** Source, microscopic description, microscopic findings and pathologist's comments and direct contact information. In addition, where applicable reports include margin evaluation, tumor grading, and interpretation of special stains.			Submit tissue in 10% neutral buffered formalin, in a biopsy container available through ANTECH™ or other plastic, leak-proof, wide mouth 1 L or smaller container labelled with patients name, tissue source, and date. Tissue specimens larger than 20 cm are most easily handled by sending them fresh: NO formalin, only enough saline to keep the sample moist, triple bagged to prevent leakage (leaks delay shipping), and refrigerated until pickup. To prevent severe biopsy damage when temperatures are below freezing, we recommend adding 1:10 ratio of isopropyl alcohol (70% or greater) to 10% neutral buffered formalin.	3-5 business days
FLUA	**Fluid Analysis** Includes preparation of submitted sample, Cell Count (WBC & RBC), Specific Gravity, Protein measurement, and microscopic interpretation by clinical pathologist. This is the appropriate test for the evaluation of fluids from a cavity or tissue space. The fluid will be characterized based on protein, specific gravity, white and red cells, and a pathologist will evaluate the fluid and provide a microscopic description and, when possible, diagnosis. **Note:** A comprehensive history should be included with the fluid analysis submission.			1.0 mL body cavity fluid in lavender or red top tube with 2 unstained smears prepared from fluid. Red top with fluid, lavender top with fluid, air dried unstained slides	1-3 days
FL	**Fluid Part Only** This portion of a fluid analysis includes characterization of the submitted body cavity or tissue space fluid based on color, clarity, specific gravity, protein and white and red cell counts.			0.5 mL body cavity fluid in lavender or red top tube.	1-2 days

CODE	TEST NAME | DESCRIPTION | COMPONENTS	SPECIMEN	TAT*
FBX	**Histopathology** A boarded pathologist will evaluate the tissue submitted for Histopathology. A full written biopsy report will be provided, including source, microscopic findings, and pathologist's comments. The pathologist's comments will include, where applicable, margin evaluation, grading, interpretation of special stains, and recommendations for further testing if needed. **Note:** Firmly and evenly tighten the lid of the formalin jar and check for any leaks prior to placing the sample in a Ziplock/sealable bag with the Test Requisition Form (TRF). A comprehensive history should be included with each biopsy submission.	Submit tissue in 10% neutral buffered formalin, in a biopsy container available through ANTECH™ or other plastic, leak-proof, wide mouth 1 L or smaller container labelled with patients name, tissue source, and date. Tissue specimens larger than 20 cm are most easily handled by sending them fresh: NO formalin, only enough saline to keep the sample moist, triple bagged to prevent leakage (leaks delay shipping), and refrigerated until pickup. To prevent severe biopsy damage when temperatures are below freezing, we recommend adding 1:10 ratio of isopropyl alcohol (70% or greater) to 10% neutral buffered formalin.	3-5 business days Samples requiring decalcification or other special handling may take longer to process than the stated turnaround time.
IHC1	**Immunohistochemistry, 1 Stain** This test includes a single immunohistochemistry stain. It's an antibody-based method to detect a specific protein. **Note:** This is an add-on test ONLY after histopathological evaluation of submitted tissue, and based on pathologist recommendations.	This testing is only available on biopsy samples that have been submitted to ANTECH™ for histopathologic analysis.	10-14 days following finalized histopathology
IHC2	**Immunohistochemistry, 2 Stains** This test includes two immunohistochemistry stains. It's an antibody-based method to detect specific proteins. **Note:** This is an add-on test ONLY after histopathological evaluation of submitted tissue, and based on pathologist recommendations.	This testing is only available on biopsy samples that have been submitted to ANTECH™ for histopathologic analysis.	10-14 days following finalized histopathology
IHC3	**Immunohistochemistry, 3 Stains** This test includes three immunohistochemistry stains. It's an antibody-based method to detect specific proteins. **Note:** This is an add-on test ONLY after histopathological evaluation of submitted tissue, and based on pathologist recommendations.	This testing is only available on biopsy samples that have been submitted to ANTECH™ for histopathologic analysis.	10-14 days following finalized histopathology
IHC4	**Immunohistochemistry, 4 Stains** This test includes four immunohistochemistry stains. It's an antibody-based method to detect specific proteins. Note: This is an add-on test ONLY after histopathological evaluation of submitted tissue, and based on pathologist recommendations.	This testing is only available on biopsy samples that have been submitted to ANTECH™ for histopathologic analysis.	10-14 days following finalized histopathology
IHC5	**Immunohistochemistry, 5 Stains** This test includes five immunohistochemistry stains. It's an antibody-based method to detect specific proteins. **Note:** This is an add-on test ONLY after histopathological evaluation of submitted tissue, and based on pathologist recommendations.	This testing is only available on biopsy samples that have been submitted to ANTECH™ for histopathologic analysis.	10-14 days following finalized histopathology

CODE	TEST NAME | DESCRIPTION | COMPONENTS	SPECIMEN	TAT*
S86601	**Mast Cell Panel**	Formalin Fixed Paraffin Blocks accompanied by an ANTECH™ biopsy report. All submissions need to have an FBX completed by ANTECH™ (including any FBX type test, including 2nd opinion by ANTECH™ pathologist using block made by some other lab), prior to sending to MSU for an additional fee.	12-14 days
FBXNEO	**Pet Cancer Specialty Biopsy** Three boarded pathologists will evaluate the tissue submitted for Histopathology. Reports include: source, microscopic description, microscopic findings, and pathologist's comments and direct contact information. In addition, where applicable reports include margin evaluation, tumor grading, and interpretation of special stains. **Note:** Firmly and evenly tighten the lid of the formalin jar and check for any leaks prior to placing the sample in a Ziplock/sealable bag with the Test Requisition Form (TRF). A comprehensive history should be included with each biopsy submission.	Submit tissue in 10% neutral buffered formalin, in a biopsy container available through ANTECH™ or other plastic, leak-proof, wide mouth 1 L or smaller container labeled with patients name, tissue source, and date. Tissue specimens larger than 20 cm are most easily handled by sending them fresh: NO formalin, only enough saline to keep the sample moist, triple bagged to prevent leakage (leaks delay shipping), and refrigerated until pickup. To prevent severe biopsy damage when temperatures are below freezing, we recommend adding 1:10 ratio of Isopropyl alcohol (70% or greater) to 10% neutral buffered formalin.	3-5 business days Samples requiring decalcification or other special handling may take longer to process than the stated turnaround time.
ORLPATH	**Oral Path Biopsy** A boarded pathologist with a special interest in oral cavity pathology will evaluate the tissue. **Reports include:** Source, microscopic description, microscopic findings, and pathologist's comments and direct contact information. In addition, where applicable reports include margin evaluation, tumor grading, and interpretation of special stains. **Note:** Firmly and evenly tighten the lid of the formalin jar and check for any leaks prior to placing the sample in a Ziplock/sealable bag with the Test Requisition Form (TRF). A comprehensive history should be included with each biopsy submission.	Submit tissue in 10% neutral buffered formalin, in a biopsy container available through ANTECH™ or other plastic, leak-proof, wide mouth 1 L or smaller container labelled with patients name, tissue source, and date. Tissue specimens larger than 20 cm are most easily handled by sending them fresh: NO formalin, only enough saline to keep the sample moist, triple bagged to prevent leakage (leaks delay shipping), and refrigerated until pickup. To prevent severe biopsy damage when temperatures are below freezing, we recommend adding 1:10 ratio of isopropyl alcohol (70% or greater) to 10% neutral buffered formalin.	3-5 business days Samples requiring decalcification or other special handling may take longer to process than the stated turnaround time.

CODE	TEST NAME	DESCRIPTION	COMPONENTS	SPECIMEN	TAT*
S11068	**SearchLight DNA™ Histology Add-on** SearchLight DNA™ is an add-on test to any biopsy or cytology where cancer is suspected or diagnosed. This test provides precision diagnostic, prognostic, and therapeutic guidance for multiple types of cancers. This canine cancer genomic panel identifies mutations in 120 relevant cancer genes and provides insights into cancer's origin, behavior, and the optimal approach for treatment. **Report includes:** • Information about mutations in 120 cancer genes including diagnostic, prognostic, and therapeutic biomarker associations with supporting evidence from peer-reviewed literature, clinical consensus, and inference from human FDA guidance. • Pharmacogenomic marker (MDR1) mutation status. • A list of targeted therapeutic drug(s) if the patient's tumor mutations are a match for an existing drug. • Information on clinical trials by tumor type curated from public databases and individual academic centers by Vidium Animal Health. To order SearchLight DNA™, please contact customer service. **Note:** SearchLight DNA™ can be added to a biopsy or cytology performed by a board-certified pathologist where neoplasia has been diagnosed or suspected.	Fine-Needle Aspirate (FNA) Samples: FNA Slides - ≥2 unstained or stained slides + 1 Diffquick FNA Liquid - ≥0.5 mL in sterile vial/tube with no additives. Biopsy Samples: Formalin-Fixed, Paraffin-Embedded (FFPE) Scrolls – 10 x 10- micron sections with 1 adjacent hematoxylin and eosin (H&E) slide Unstained FFPE Slides – 10 x 10-micron sections with 1 adjacent H&E slide. Bone Tumor – non-decalcified sample.	12-17 days
S10058	**SearchLight DNA™ Cytology Add-on** SearchLight DNA™ is an add-on test to any biopsy or cytology where cancer is suspected or diagnosed. This test provides precision diagnostic, prognostic, and therapeutic guidance for multiple types of cancers. This canine cancer genomic panel identifies mutations in 120 relevant cancer genes and provides insights into cancer's origin, behavior, and the optimal approach for treatment. **Report includes:** • Information about mutations in 120 cancer genes including diagnostic, prognostic, and therapeutic biomarker associations with supporting evidence from peer-reviewed literature, clinical consensus, and inference from human FDA guidance. • Pharmacogenomic marker (MDR1) mutation status. • A list of targeted therapeutic drug(s) if the patient's tumor mutations are a match for an existing drug. • Information on clinical trials by tumor type curated from public databases and individual academic centers by Vidium Animal Health. To order SearchLight DNA™, please contact customer service. **Note:** SearchLight DNA™ can be added to a biopsy or cytology performed by a board-certified pathologist where neoplasia has been diagnosed or suspected.	Fine-Needle Aspirate (FNA) Samples: FNA Slides ≥2 highly cellular unstained or stained slides +1 Diffquick FNA Liquid ≥0.5 mL in sterile vial/tube with no additives. Bone Tumor: Non-decalcified sample.	12-17 days

CODE	TEST NAME | DESCRIPTION | COMPONENTS	SPECIMEN	TAT*
STAT	**STAT Charge Biopsy** An additional charge applied when a STAT assessment of biopsy is required.	Submit tissue in 10% neutral buffered formalin, in a biopsy container available through ANTECH™ or other plastic, leak-proof, wide mouth 1 L or smaller container labelled with patients name, tissue source, and date. Tissue specimens larger than 20 cm are most easily handled by sending them fresh: NO formalin, only enough saline to keep the sample moist, triple bagged to prevent leakage (leaks delay shipping), and refrigerated until pickup. To prevent severe biopsy damage when temperatures are below freezing, we recommend adding 1:10 ratio of isopropyl alcohol (70% or greater) to 10% neutral buffered formalin.	2-3 business days Samples requiring decalcification or other special handling may take longer to process than the stated turnaround time.
CYSTAT	**Stat Charge-Cyto** An additional charge applied when a STAT assessment of cytological sample is required.	Air-dried and unstained slides, or fluid (or aspirate) in red or lavender top tube submitted with clinical history.	24 hours
FBXLSP	**Superliver (Liver Biopsy with Liver Staining Panel)** Liver Biopsy with Liver Staining Panel. A boarded pathologist with a special interest in canine and feline liver pathology will evaluate the tissue. Reports include: Source, microscopic description, microscopic findings and pathologist's comments and direct contact information. In addition, where applicable reports include margin evaluation, tumor grading, and interpretation of special stains. Trichrome, rhodamine, and reticulum staining and interpretation are included. The report will include the staging of fibrosis, evaluation of the degree of parenchymal collapse, and a qualitative copper grade. Internal pathologist to pathologist opinions are sought when needed. There is an option for further discussion with an internal medicine consultant with a special interest in hepatic disease. **Note:** Firmly and evenly tighten the lid of the formalin jar and check for any leaks prior to placing the sample in a Ziplock/sealable bag with the Test Requisition Form (TRF). A comprehensive history should be included with each biopsy submission, including the breed, age, and time when liver values were first noted to be elevated. Additional diagnostics performed as well as responses to any specific treatments should be included in the history.	Submit liver tissue in 10% neutral buffered formalin, in a biopsy container available through ANTECH™ or other plastic, leak-proof, wide mouth 1 L or smaller container labelled with patients name, tissue source, and date. Tissue specimens larger than 20 cm are most easily handled by sending them fresh: NO formalin, only enough saline to keep the sample moist, triple bagged to prevent leakage (leaks delay shipping), and refrigerated until pickup. To prevent severe biopsy damage when temperatures are below freezing, we recommend adding 1:10 ratio of isopropyl alcohol (70% or greater) to 10% neutral buffered formalin.	3-5 business days
FBXTBR	**Tumor Board Review Biopsy** A second opinion review of an ANTECH™ or other lab biopsy case performed by three pet cancer specialty pathologists (Tumor Board), with one report containing an opinion summary of all three specialists.	Blocks or slides prepared at another lab, suitable for histologic analysis.	3-5 business days

Molecular

CODE	TEST NAME | DESCRIPTION | COMPONENTS	SPECIMEN	TAT*
T1025	**CADET™ *BRAF*** CADET™ *BRAF* includes CADET™ *BRAF*-PLUS when reflexed based on CADET™ *BRAF* result. A non-invasive, highly sensitive assay that evaluates free-catch urine samples from dogs for the presence of cells harboring the b-raf mutation or specific copy number variations associated with Transitional Cell Carcinoma/ Urothelial Carcinoma/ Prostatic carcinoma. The assay identifies 95% of TCC/ UC cases. It can be used to diagnose TCC/UC and monitor dogs undergoing treatment for remission and relapse. **Interferences:** Cystocentesis drawn urine and contrast solutions (if the urine is collected while the contrast is clearing from the dog's system) may cause interference. Radiation and Chemotherapy are not interferences for the CADET™ *BRAF*/*BRAF* Plus test assay; however, they may affect the tumor itself which may influence results. **Note:** Urine sample should be free catch. Do not freeze.	40 mL urine collected in CADET™ *BRAF* urine container. CADET™ *BRAF* container (urine must be put in *BRAF* container within 15 minutes of collection and can be collected over multiple days).	3-6 days
T980	**Canine *Ehrlichia*/*Anaplasma* PCR** *Anaplasma phagocytophilum*, *Anaplasma platys*, *Ehrlichia canis*, *Ehrlichia chaffeensis*, *Ehrlichia ewingii* A comprehensive PCR panel used when the clinical signs are suggestive of Anaplasmosis or Ehrlichiosis. **Interferences:** Previous or current antibiotic usage may interfere with PCR test results.	1.0 mL EDTA whole blood in lavender top tube, synovial fluid or CSF in red top tube. Lavender top, white top with fluid, CSF.	2-4 days
T950	**Canine GI PCR Panel** *Campylobacter jejuni*/*coli*, canine enteric coronavirus, canine parvovirus, *Clostridium difficile* toxins A/B, *Clostridium perfringens* enterotoxin, *Cryptosporidium* spp., *Giardia* spp., *Salmonella* spp. Highly sensitive and specific panel used to evaluate for viral (canine enteric coronavirus, canine parvovirus, and canine rotavirus), bacterial (*Campylobacter* spp., *Clostridium* spp. and *Salmonella* spp.) and protozoal (*Giardia* spp. and *Cryptosporidium* spp.) causes for the gastrointestinal signs exhibited by the patient. **Interferences:** Previous or current antibiotic usage may interfere with PCR test results for protozoal or bacterial organisms. **Note:** Follow-up cultures are immediately performed on submissions found to be PCR-positive for *Salmonella* (when a Copan fecal swab is received by the laboratory). Additionally, samples found to be PCR-positive for DNA of *C. perfringens* enterotoxin or *C. difficile* toxins are immediately tested for these toxins by ELISA.	0.5 grams of feces and 1 copan fecal swab. Culturette, ANTECH™ provided fecal container.	2-4 days

CODE	TEST NAME | DESCRIPTION | COMPONENTS	SPECIMEN	TAT*
T953	**Canine GI PCR with SARS CoV-2 PCR Panel** Canine GI PCR Panel, SARS-CoV-2 PCR Add-on Panel Canine GI PCR panel to which evaluation for SARS-CoV-2 PCR has been added to determine whether the gastrointestinal signs being exhibited could be related to the typical etiologic agents or potentially SARS-CoV-2. **Interferences:** Previous or current antibiotic usage may interfere with PCR test results for protozoal or bacterial organisms. **Note:** Follow-up cultures are immediately performed on submissions found to be PCR-positive for *Salmonella* (when a Copan fecal swab is received by the laboratory). Additionally, samples found to be PCR-positive for DNA of *C. perfringens* enterotoxin or *C. difficile* toxins are immediately tested for these toxins by ELISA.	0.5 grams of feces and 1 copan fecal swab, conjunctival or nasal swab. Culturette, ANTECH™ provided fecal container.	2-11 days
S8710	**Canine Parvovirus PCR** Detection of canine parvovirus in feces or GI tissue. **Note:** Vaccination for canine parvovirus within the previous 2-3 weeks may result in false positive results.	2.0 grams of feces, or GI tissue (2 mm biopsy) without preservative.	4-7 days
T995	**Canine Respiratory PCR Panel** Canine Influenza virus (H3N8), Pan Influenza (detects all Influenza Type A, including H3N2; when positive, confirmation by H3N2 specific qPCR), H5N1 Influenza virus, canine adenovirus type 2, canine distemper virus, canine herpesvirus, canine parainfluenza virus, canine resp. coronavirus, *Bordetella bronchiseptica*, *Mycoplasma cynos*, and *Streptococcus equi* subsp. *zooepidemicus*. A highly sensitive and specific panel covering the more common etiological agents causing acute respiratory signs in dogs. Includes Distemper, Parainfluenza, Respiratory Coronavirus, Canine Influenza (H3N8), Influenza (H5N1), PanInfluenza, Herpes, Adenovirus Type 2, *Bordetella* Bronchiseptica, *Mycoplasma* Cynos, and *Streptococcus* Zooepidemicus. **Interferences:** Previous or current antibiotic usage may interfere with PCR test results.	2 Sterile Swabs (nasal, deep pharyngeal or conjunctival) for PCR (submitted dry without transport media) and 1 Copan Swab in Gel for *Bordetella* culture. All swabs sampled from same site. Culturette and 2 swabs in white tube.	2-4 days

CODE	TEST NAME | DESCRIPTION | COMPONENTS	SPECIMEN	TAT*
T998	**Canine Respiratory PCR with SARS CoV-2 PCR Panel** Canine Respiratory PCR Panel(Canine influenza virus (H3N8), Pan Influenza (detects all Influenza Type A, including H3N2; when positive, confirmation by H3N2 specific qPCR), H5N1 influenza virus, canine adenovirus type 2, canine distemper virus, canine herpesvirus, canine parainfluenza virus, canine resp. coronavirus, *Bordetella bronchiseptica*, *Mycoplasma cynos*, *Streptococcus equi* subsp. *zooepidemicus*), and SARS-CoV-2 PCR Add-on Panel. Canine Respiratory PCR panel to which evaluation for SARS-CoV-2 PCR has been added to determine whether the respiratory signs being exhibited could be related to the typical etiologic agents (**T995, page 96**) or potentially SARS-CoV-2. **Interferences:** Previous or current antibiotic usage may interfere with PCR test results.	2 sterile swabs (nasal, deep pharyngeal or conjunctival) submitted dry without transport media, and 1 culturette. All swabs samples from the same site. Culturette and 2 swabs in white tube.	2-11 days
T960	**Canine Tick Borne PCR Panel** A highly sensitive and specific PCR panel used to evaluate for evidence of infection in cases suspected of having a vector-borne disease. Includes *Anaplasma phagocytophilum*, *Anaplasma platys*, *Babesia* spp. (including *B.* coco), *Babesia canis* subsp. *canis*, *Babesia conradae*, *Babesia gibsoni*, *Bartonella henselae*, *Bartonella* spp. (*B. clarridgeiae*, *B. quintana*, and *B. vinsonii*), Recurrent fever *Borrelia*, *Ehrlichia canis*, *Ehrlichia chaffeensis*, *Ehrlichia ewingii*, *Hepatozoon americanum*, *Hepatozoon canis*, *Leishmania* spp., *Mycoplasma haemocanis*, *Cand. Mycoplasma* haematoparvum, *Cand. Mycoplasma turicensis*, *Neorickettsia risticii*, *Rickettsia* Spotted Fever Group (*Rickettsia* spp.), and *Trypanosoma cruzi*. The panel also detects evidence of atovaquone antimicrobial resistance in cases of detected *Babesia gibsoni*. **Interferences:** Previous or current antibiotic usage may interfere with PCR test results.	1.0 mL EDTA whole blood in lavender top tube.	2-4 days
T961	**Canine Tick Borne PCR Panel, Lyme Titer IgG** Canine Tick Borne PCR panel (T960) to which Lyme IgG has been added. **Interferences:** Previous or current antibiotic usage may interfere with PCR test results.	0.5 mL serum and 1.0 mL EDTA whole blood.	1-4 days
T982	**Canine/Feline Ringworm PCR Panel** *Microsporum* spp., *M. canis*, *M. gypseum* (*Arthroderma gypseum, A. fulvum*, *A. incurvatum*), *Trichophyton* spp., *T. mentagrophytes* (*Arthroderma benhamiae*, *A. vanbreuseghemii*) A highly sensitive and specific test used when clinical signs are suggestive of ringworm infection.	Minimum of 10 plucked hair with roots, skin scraping, or tooth brush sample in sterile, dry container free of liquids or preservative. Hair, toothbrush, DTM	1-5 days

CODE	TEST NAME | DESCRIPTION | COMPONENTS	SPECIMEN	TAT*
T986	**Canine/Feline Ringworm PCR with Dermatophyte Culture** *Microsporum* spp., *M. canis*, *M. gypseum* (*Arthroderma gypseum*, *A. fulvum*, *A. incurvatum*), *Trichophyton* spp., *T. mentagrophytes* (*Arthroderma benhamiae*, *A. vanbreuseghemii*), Culture, Dermatophytes Evaluation for ringworm infection via both PCR and standard culture.	Minimum of 15 plucked hair with roots, or skin scraping, or tooth brush sample in sterile, dry container free of liquids or preservatives. Hair, toothbrush, DTM	1-21 days
T965	**Feline Flea and Tick Borne PCR** A highly sensitive and specific PCR panel used to evaluate for evidence of infection in cases suspected of having a vector-borne disease. Includes *Anaplasma phagocytophilum*, *Anaplasma platys*, *Bartonella henselae*, *Bartonella* spp. (*B. clarridgeiae*, *B. quintana*, and *B. vinsonii*), recurrent fever *Borrelia*, *Cytauxzoon felis*, *Ehrlichia canis*, *Ehrlichia chaffeensis*, *Ehrlichia ewingii*, *Hepatozoon felis*, *Leishmania* spp., *Mycoplasma haemofelis*, *Cand. Mycoplasma* haematominutum, *Cand. Mycoplasma turicensis*, *Neorickettsia risticii*, *Rickettsia* Spotted Fever Group (*Rickettsia* spp.), and *Trypanosoma cruzi*. The panel also detects evidence of atovaquone antimicrobial resistance in cases of detected *Cytauxzoon felis*. **Interferences:** Previous or current antibiotic usage may interfere with PCR test results.	1.0 mL EDTA whole blood in lavender top tube.	2-4 days
T955	**Feline GI PCR Panel** *Campylobacter coli*, *Campylobacter jejuni*, *Clostridium difficile* toxins A/B, *Clostridium perfringens* enterotoxin, *Cryptosporidium* spp. and *C. felis*, feline parvovirus, *Giardia* spp. *Salmonella* spp. *Tritrichomonas foetus* Highly sensitive and specific panel used to evaluate for viral (feline panleukopenia), bacterial (*Campylobacter* spp, *Clostridium* spp toxins, and *Salmonella* spp.) and protozoal (*Giardia* spp., *Tritrichomonas blagburni* (previously *T. foetus*) and *Cryptosporidium* spp.) causes for the gastrointestinal signs exhibited by the patient by PCR. **Interferences:** Previous or current antibiotic usage may interfere with PCR test results for protozoal or bacterial organisms. **Note:** Follow-up cultures are immediately performed on submissions found to be PCR-positive for *Salmonella* (when a Copan fecal swab is received by the laboratory). Additionally, samples found to be PCR-positive for DNA of *C. perfringens* enterotoxin or *C. difficile* toxins are immediately tested for these toxins by ELISA.	0.5 grams of feces and 1 copan fecal swab. Culturette, ANTECH™ provided fecal container.	2-4 days

CODE	TEST NAME | DESCRIPTION | COMPONENTS	SPECIMEN	TAT*
T958	**Feline GI PCR with SARS CoV-2 PCR Panel** Feline GI PCR Panel, SARS-CoV-2 PCR Add-on Panel Feline GI PCR panel (T955) to which evaluation for SARS-CoV-2 PCR has been added to determine whether the gastrointestinal signs being exhibited could be related to the typical etiologic agents or potentially SARS-CoV-2. **Note:** Follow-up cultures are immediately performed on submissions found to be PCR-positive for *Salmonella* (when a Copan fecal swab is received by the laboratory). Additionally, samples found to be PCR-positive for DNA of *C. perfringens* enterotoxin or *C. difficile* toxins are immediately tested for these toxins by ELISA.	0.5 grams of feces and 1 fecal culturette. Culturette, ANTECH™ provided fecal container.	3-11 days
T985	**Feline Hemoplasma PCR Panel** Used in the evaluation of a regenerative anemia where hemotropic mycoplasma is a differential. A highly sensitive and specific PCR panel used to evaluate for evidence of infection by *Mycoplasma haemofelis*, *Candidatus Mycoplasma haemominutum*, and *Candidatus Mycoplasma turicensis*. Interferences: Previous or current antibiotic usage may interfere with PCR test result.	1.0 mL EDTA whole blood in lavender top tube.	2-4 days
T990	**Feline Respiratory PCR Panel with H1N1 Influenza** A highly sensitive and specific panel covering the more common etiological agents associated with upper respiratory signs in cats. Includes *Bordetella bronchiseptica*, Chlamydia *felis*, feline calicivirus (FCV), feline herpesvirus-1 (FHV-1), H1N1 influenza virus, and *Mycoplasma felis*. **Interferences:** Previous or current antibiotic/antiviral usage may interfere with PCR test results. **Note:** Complimentary culture/susceptibility testing on all submissions PCR-positive for *Bordetella bronchiseptica* (when the laboratory receives a Copan swab).	2 Sterile Swabs (nasal, deep pharyngeal or conjunctival) for PCR (submitted dry without transport media) and 1 Copan Swab in Gel for *Bordetella* culture. All swabs sampled from same site. Culturette and 2 swabs in white tube.	2-4 days
T993	**Feline Respiratory PCR with SARS CoV-2 PCR Panel** Feline Respiratory PCR panel (T990) to which evaluation for SARS-CoV-2 PCR has been added. Includes *Bordetella bronchiseptica*, *Chlamydophila felis*, Feline calicivirus (FCV), Feline herpesvirus-1 (FHV-1), H1N1 influenza virus, *Mycoplasma felis*, and SARS-CoV-2. **Interferences:** Previous or current antibiotic/antiviral usage may interfere with PCR test results.	2 sterile swabs for PCR and 1 culturette for culture. Culturette and 2 swabs in white tube.	3-11 days
T600	**FIP mRNA PCR** This PCR test detects mRNA of the M gene of all known feline coronavirus strains in any sample. However, for diagnosis of FIP, only the detection of mRNA outside of the intestinal tract is indicative since active replication of the virus in circulating mononuclear cells is typical for FIP. **Note:** Most common sample submission is peritoneal effusion that on fluid analysis is consistent with FIP. Other sample options include CSF, tissue, and tissue aspirates (lymph node, etc.).	1. 1.0 - 2.0 mL fluid (abdominal, pleural or CSF) in EDTA (lavender top tube). 2. Fresh tissue biopsy of an affected organ or lymph node placed in a sterile tube with 0.5 mL saline. 3. Aspirated tissue (of an affected organ or lymph node) placed on slide(s). **Note:** Formalin fixed tissue is not acceptable.	5-7 days

CODE	TEST NAME	DESCRIPTION	COMPONENTS	SPECIMEN	TAT*
ADD350	**KeyScreen™ GI Parasite PCR Add-on** Detects the following parasites by PCR: *Ancylostoma* spp. (if positive evaluated for Benzimidazole resistance by PCR), *Uncinaria stenocephala*, *Toxocara*/*Toxascaris* spp. (if *Toxocara* spp. positive further speciated into *T. canis*, *T. cati*, *T. leonina*), *Baylisascaris procyonis*, *Trichuris vulpis*, *Dipylidium caninum*, *Echinococcus granulosus*, *Echinococcus multilocularis*, *Taenia* spp., *Giardia duodenalis*, *Giardia* Zoonotic (if positive evaluated for potentially Zoonotic strains A and B), *Cystoisospora* spp., *Eimeria* spp., *Cryptosporidium canis*, *Cryptosporidium felis*, *Toxoplasma gondii* (feline specific), *Neospora* Daninum, *Tritrichomonas blagburni* (feline specific).		0.3 grams of fresh feces in ANTECH™ provided fecal container (minimum 0.15 grams).	1-2 days

CODE	TEST NAME	DESCRIPTION	COMPONENTS	SPECIMEN	TAT*
T991 **Add-on Equivalent ADD350**	**KeyScreen™ GI Parasite PCR Panel** Detects the following parasites by PCR: *Ancylostoma* spp. (if positive evaluated for Benzimidazole resistance by PCR), *Uncinaria stenocephala*, *Toxocara*/*Toxascaris* spp. (if *Toxocara* spp. positive further speciated into *T. canis*, *T. cati*, *T. leonina*), *Baylisascaris procyonis*, *Trichuris vulpis*, *Dipylidium caninum*, *Echinococcus granulosus*, *Echinococcus multilocularis*, *Taenia* spp., *Giardia duodenalis*, *Giardia* Zoonotic (if positive evaluated for potentially Zoonotic strains A and B), *Cystoisospora* spp., *Eimeria* spp., *Cryptosporidium canis*, *Cryptosporidium felis*, *Toxoplasma gondii* (feline specific), *Neospora caninum*, *Tritrichomonas blagburni* (feline specific). Detects 20 individual parasite species. **Hookworms:** • *Ancylostoma caninum* • *Uncinaria stenocephala* • *Ancylostoma* Benzimidazole resistance **Roundworms:** • *Toxocara* spp. • *Toxocara canis* • *Toxocara cati* • *Toxascaris leonina* • *Baylisascaris procyonis* **Whipworms:** • *Trichuris vulpis* **Tapeworms:** • *Dipylidium caninum* • *Echinococcus granulosus* • *Echinococcus multilocularis* • *Taenia* spp. ***Giardia*:** • *Giardia duodenalis* • *Giardia* Zoonotic (strain A or B) **Coccidia:** • *Cystoisospora* spp. • *Eimeria* spp. **Additional Protozoa:** • *Cryptosporidium canis* • *Cryptosporidium felis* • *Toxoplasma gondii* (feline specific) • *Neospora caninum* • *Tritrichomonas blagburni* (feline specific) If detected, *Toxocara* spp. will be identified at the species level as *T. cati*, *T. canis*, and *T. leonina*. *Ancylostoma caninum* will be evaluated for Benzimidazole resistance, and *Giardia* evaluated for the potentially Zoonotic strains A or *B*.	0.3 grams of fresh feces in ANTECH™ provided fecal container (minimum 0.15 grams).	1-2 days

CODE	TEST NAME | DESCRIPTION | COMPONENTS	SPECIMEN	TAT*
T974	***Leptospira* PCR Blood** Canine *Leptospira* PCR - Blood: *Leptospira interrogans* serovars *icterohaemorrhagiae*, *canicola*, *pomona*, *australis*, *bratislava*, *autumnalis*, *ballum* and *pyrogenes*, *L. kirschneri* serovar *grippotyphosa*, *L. interrogans*/*borgpetersenii* serovar *sejroe* A highly sensitive and specific test used to evaluate patients suspected of having acute leptospirosis. *Leptospira* bacteremia is brief and is followed by bacteriuria. In cases where a patient has been ill anywhere from five days to two weeks, submission of blood and urine PCR will increase diagnostic sensitivity. **Interferences:** Previous or current antibiotic usage may interfere with PCR test results.	0.5 mL EDTA whole blood.	2-4 days
T978	***Leptospira* PCR Blood/Urine** Canine *Leptospira* PCR Blood/Urine A highly sensitive and specific test used to evaluate patients suspected of having leptospirosis. *Leptospira* bacteremia is followed by bacteriuria. In cases where a patient has been ill anywhere from five days to two weeks, submission of blood and urine PCR will increase diagnostic sensitivity. **Interferences:** Previous or current antibiotic usage may interfere with PCR test results.	0.5 mL EDTA whole blood and 2.0 mL urine. Lavender top or blue top or green top, urine	2-4 days
T976	***Leptospira* PCR Urine** Canine *Leptospira* PCR - Urine: *Leptospira interrogans* serovars *icterohaemorrhagiae*, *canicola*, *pomona*, *australis*, *bratislava*, *autumnalis*, *ballum* and *pyrogenes*, *L. kirschneri* serovar *grippotyphosa*, *L. interrogans*/*borgpetersenii* serovar *sejroe* A highly sensitive and specific test used to evaluate patients suspected of having leptospirosis. *Leptospira* bacteremia is followed by bacteriuria. Urine usually becomes positive day 7-10 post-exposure in clinically ill patients. **Interferences:** Previous or current antibiotic usage may interfere with PCR test results.	2.0 mL urine in urine transport tube.	2-4 days

CODE	TEST NAME | DESCRIPTION | COMPONENTS	SPECIMEN	TAT*
S85503	**PARR** PARR (PCR for Antigen Receptor Rearrangement) is an assay that amplifies DNA. This test helps differentiate between monoclonal cells (most consistent with neoplasia) or polyclonal cells (most consistent with a reactive process). **Note:** PARR cannot be run on formalin-fixed, paraffin-embedded samples/slides or slides that have coverslips attached to them. Non- diagnostic samples are obtained when there is too little DNA or in the presence of an inhibitor of the PCR reaction.	Please provide a copy of the original cytology report and CSU submission form with your request. 1. Blood and bone marrow: 0.5 mL EDTA whole blood or bone marrow sample in lavender top tube. 4-5 very cellular bone marrow slides can also be submitted. Peripheral blood smears are not acceptable. If available, please provide a Complete Blood Count (CBC) with pathology review or cytology/ histology report of the bone marrow. 2. Lymph node and other organ aspirates: Fluid in EDTA (lavender top tube) or 4-5 cellular slides (smears or cytospins). No additional fluid (i.e., saline/serum) needs to be added to aspirated fluid. Stained cytology slides are acceptable. Glued cover-slipped slides cannot be used. 3. Body cavity fluid: Fluid in EDTA (lavender top tube) or 4-5 cellular slides (smears or cytospins). Stained cytology slides are acceptable. 4. CSF: Multiple cellular cytospin preparations are preferred (stained or unstained) or fluid in EDTA (lavender top tube). For the sample to be diagnostic, it is estimated that 50,000 lymphoid cells are needed. If the CSF has a lymphocyte count of 100/uL, at least 0.5 mL of fluid is needed, or the cells from 0.5 mL spun onto slides. 5. Formalin-Fixed Paraffin Embedded (FFPE) Tissue: For this sample type, use code S86965 (Feline Intestinal Lymphoma Panel performed at MSU) or S85562 (Lymphoma Panel PARR, performed at MSU). If specifically requesting that PARR testing be performed on FFPE tissue at CSU, please use code S85503 and specify FFPE tissue for CSU PARR. Tissue or fluid aspirated into EDTA Lavender top, slides in slide holder.	9-11 business days

CODE	TEST NAME | DESCRIPTION | COMPONENTS	SPECIMEN	TAT*
T984	**Rabbit/Small Rodent Ringworm PCR Panel** *Microsporum* spp., *M. equinum / canis*, *M. gypseum* (*Arthroderma gypseum*, *A. fulvum*, *A. incurvatum*), *Trichophyton* spp., *T. benhamiae / mentagrophytes* (*Arthroderma benhamiae*, *A. vanbreuseghemii*) A highly sensitive and specific test used when clinical signs are suggestive of ringworm infection. **Note:** Plucked hair with roots (10-20 hairs), a skin scraping, or a toothbrush sample submitted in a sterile, dry container, free of liquids and preservative or culture media.	Minimum of 10 plucked hair with roots, skin scraping, or tooth brush sample in sterile, dry container free of liquids or preservative.	1-5 days
T988	**Rabbit/Small Rodent Ringworm PCR with Dermatophyte Culture** *Microsporum* spp., *M. equinum / canis*, *M. gypseum* (*Arthroderma gypseum*, *A. fulvum*, *A. incurvatum*), *Trichophyton* spp., *T. benhamiae / mentagrophytes* (*Arthroderma benhamiae*, *A. vanbreuseghemii*), Culture, Dermatophytes Evaluation for ringworm infection via both PCR and standard culture. **Note:** Plucked hair with roots (10-20 hairs), a skin scraping, or a toothbrush sample submitted in a sterile, dry container, free of liquids and preservative or culture media.	Minimum of 12 plucked hair with roots, skin scraping, or tooth brush sample. For dermatophyte culture can also submit preinoculated DTM bottle.	1-21 days
T996	**SARS-CoV-2 PCR Add-on Panel** This test may be added to either a GI PCR or Respiratory PCR panel, where history may suggest that SARS-CoV-2 may be playing an etiological role. **Note:** Not a standalone test. Must be an add-on to Canine/Feline Respiratory or GI PCR.	Conjunctival and deep pharyngeal swabs Nasopharyngeal or oropharyngeal aspirate or wash in red top or non-additive tube Bronchoalveolar lavage in red top or non-additive tube Tracheal aspirates in red top or non-additive tube. Culturette, fecal sample.	2-11 days
S11068	**SearchLight DNA™ Histology Add-on** SearchLight DNA™ is an add-on test to any biopsy or cytology where cancer is suspected or diagnosed. This test provides precision diagnostic, prognostic, and therapeutic guidance for multiple types of cancers. This canine cancer genomic panel identifies mutations in 120 relevant cancer genes and provides insights into cancer's origin, behavior, and the optimal approach for treatment. **Report includes:** • Information about mutations in 120 cancer genes including diagnostic, prognostic, and therapeutic biomarker associations with supporting evidence from peer-reviewed literature, clinical consensus, and inference from human FDA guidance. • Pharmacogenomic marker (MDR1) mutation status. • A list of targeted therapeutic drug(s) if the patient's tumor mutations are a match for an existing drug. • Information on clinical trials by tumor type curated from public databases and individual academic centers by Vidium Animal Health. To order SearchLight DNA™, please contact customer service. **Note:** SearchLight DNA™ can be added to a biopsy or cytology performed by a board-certified pathologist where neoplasia has been diagnosed or suspected.	Fine-Needle Aspirate (FNA) Samples: FNA Slides - ≥2 unstained or stained slides + 1 Diffquick FNA Liquid - ≥0.5 mL in sterile vial/tube with no additives. Biopsy Samples: Formalin-Fixed, Paraffin-Embedded (FFPE) Scrolls – 10 x 10- micron sections with 1 adjacent hematoxylin and eosin (H&E) slide Unstained FFPE Slides – 10 x 10-micron sections with 1 adjacent H&E slide. Bone Tumor – non-decalcified sample.	12-17 days

CODE	TEST NAME | DESCRIPTION | COMPONENTS	SPECIMEN	TAT*
S10058	**SearchLight DNA™ Cytology Add-on** SearchLight DNA™ is an add-on test to any biopsy or cytology where cancer is suspected or diagnosed. This test provides precision diagnostic, prognostic, and therapeutic guidance for multiple types of cancers. This canine cancer genomic panel identifies mutations in 120 relevant cancer genes and provides insights into cancer's origin, behavior, and the optimal approach for treatment. **Report includes:** • Information about mutations in 120 cancer genes including diagnostic, prognostic, and therapeutic biomarker associations with supporting evidence from peer-reviewed literature, clinical consensus, and inference from human FDA guidance. • Pharmacogenomic marker (MDR1) mutation status. • A list of targeted therapeutic drug(s) if the patient's tumor mutations are a match for an existing drug. • Information on clinical trials by tumor type curated from public databases and individual academic centers by Vidium Animal Health. To order SearchLight DNA™, please contact customer service. **Note:** SearchLight DNA™ can be added to a biopsy or cytology performed by a board-certified pathologist where neoplasia has been diagnosed or suspected.	Fine-Needle Aspirate (FNA) Samples: FNA Slides ≥2 highly cellular unstained or stained slides +1 Diffquick FNA Liquid ≥0.5 mL in sterile vial/ tube with no additives. Bone Tumor: Non-decalcified sample.	12-17 days
S14497 **Add-on Equivalent S14515**	**Canine Wisdom Panel™ Premium** **DNA panel including:** • 267 genetic health-associated variants (inc. MDR1 mutation, vWD). • 50+ physical trait variants. • Breed background detection (350+ breeds). • Genetic diversity (heterozygosity) scoring. • Genetic relatives matching with other dogs in the database. Support with interpretation available from Wisdom Panel™ veterinarians.	1 Canine Wisdom Panel™ swab kit (2 swabs per kit).	14-21 days
S14498 **Add-on Equivalent S14516**	**Feline Wisdom Panel™ Complete** **DNA panel including:** • 45 genetic health condition-related variants (inc. MDR1 mutation, Polycystic Kidney Disease). • 25 physical traits variants. • Identifies genetic blood type. • Provides breed (mix) identification (70+ breeds). • Genetic diversity (heterozygosity) scoring. • Genetic relatives matching with other cats in the database. Support with interpretation available from Wisdom Panel™ veterinarians.	1 Feline Wisdom Panel™ swab kit (2 swabs per kit).	14-21 days

CODE	TEST NAME | DESCRIPTION | COMPONENTS	SPECIMEN	TAT*
S14515	**Canine Wisdom Panel™ Premium, Add-on** **DNA panel including:** • 267 genetic health-associated variants (inc. MDR1 mutation, vWD). • 50+ physical trait variants. • Breed background detection (350+ breeds). • Genetic diversity (heterozygosity) scoring. • Genetic relatives matching with other dogs in the database. Support with interpretation available from Wisdom Panel™ veterinarians.	1 Canine Wisdom Panel™ swab kit (2 swabs per kit).	14-21 days
S14516	**Feline Wisdom Panel™ Complete, Add-on** **DNA panel including:** • 45 genetic health condition-related variants (inc. MDR1 mutation, Polycystic Kidney Disease). • 25 physical traits variants. • Identifies genetic blood type. • Provides breed (mix) identification (70+ breeds). • Genetic diversity (heterozygosity) scoring. • Genetic relatives matching with other cats in the database. Support with interpretation available from Wisdom Panel™ veterinarians.	1 Feline Wisdom Panel™ swab kit (2 swabs per kit).	14-21 days
KS14497	**Canine Wisdom Panel™ with KeyScreen™** For canine only. Wisdom Panel™ and first KeyScreen™ must be submitted at the same time. Follow up submissions must be for the same dog and include matching patient information. The follow up KeyScreen™ can be submitted within 365 days of the original.	1 Canine Wisdom Panel™ swab kit (2 swabs per kit).	14-21 days 1-3 days for KeyScreen™ 14-21 days for Wisdom Panel™

General

CODE	TEST NAME | DESCRIPTION | COMPONENTS	SPECIMEN	TAT*
S16070	***Babesia canis*** Detects the presence of antibody to *Babesia canis*. Performed by IFA.	0.5 mL serum in red top or serum separator tube.	7-10 days
S16075	***Babesia gibsoni*** Detects the presence of antibody to *Babesia gibsoni*. Performed by IFA.	1.0 mL serum in red top or serum separator tube (spun).	7-10 days
S16502	***Babesia gibsoni* IFA, Export** *Babesia gibsoni*, Export This test evaluates the presence of antibodies to *Babesia gibsoni*, as required for export to specific countries. Ensure export test requirements prior to test submission.	1.0 mL serum in red top or serum separator tube.	7-10 days
S85889	***Bartonella henselae*, ELISA** Evaluation of antibody indicating previous exposure to *Bartonella henselae* or *Bartonella clarridgeiae* (ELISA methodology). **Note:** Recently infected cats may not have seroconverted. Titer magnitude does not prove current infection or relevant clinical disease. Active infection is suggested by a rising titer (a four-fold increase over two weeks).	0.5 mL serum in red top or serum separator tube.	2-5 days
T640	**Histoplasma Antibody** Evaluates for antibodies consistent with exposure to Histoplasma spp. (AGID). Results are reported as positive or negative. **Interferences:** Marked hemolysis and lipemia. **Note:** The Histoplasma antigen test is preferred to the antibody test for serologic diagnosis of histoplasmosis.	0.5 mL serum in red top or serum separator tube.	2-3 days
S86569	**Histoplasma Capsulatum Ag, EIA**	2.0 mL urine in urine transport tube.	5-7 days
S16405	**Histoplasma Titer** Detection of antibody indicating exposure to Histoplasma spp. Titer provided.	1.0 mL serum in red top or serum separator tube.	7-14 days
S16005	**Acetylcholine Receptor Antibody** Acetylcholine Receptor Ab Assessment for the presence of antibodies against the acetylcholine receptor. A positive result supports a diagnosis of generalized acquired Myaesthenia Gravis. **Interferences:** Immunosuppressive therapy for greater than 7 to 10 days. **Note:** Immunosuppressive therapy with corticosteroids instituted prior to submission of results may lower antibody levels and give a false negative result.	1.0 mL serum in red top or serum separator tube.	7-9 days
T010	**Albumin** **Interferences:** Marked hemolysis and lipemia.	0.5 mL serum in red top or serum separator tube.	24 hours

CODE	TEST NAME | DESCRIPTION | COMPONENTS	SPECIMEN	TAT*
T020	**Alkaline Phosphatase** **Interferences:** Marked hemolysis and lipemia.	0.5 mL serum in red top or serum separator tube.	24 hours Performed each shift
T215	**Alkaline Phosphatase Isoenzymes** Alkaline phosphatase, steroid induced alkaline phosphatase, percent steroid induced alkaline phosphatase This evaluates the percentage of steroid-induced alkaline phosphatase in the serum relative to the total serum alkaline phosphatase. Elevation of steroid-induced alkaline phosphatase is not specific for hyperadrenocorticism and is of limited diagnostic utility in the diagnosis of this disease.	0.5 mL serum in red top or serum separator tube.	1-2 days
T030	**ALT (SGPT)** Alanine Aminotransferase **Interferences:** Marked hemolysis and lipemia.	0.5 mL serum in red top or serum separator tube.	24 hours Performed each shift
T040	**Amylase** **Interferences:** Marked hemolysis and lipemia.	0.5 mL serum in red top or serum separator tube.	24 hours Performed each shift
T050	**Amylase, Lipase** Amylase and Lipase (PSL) **Interferences:** Marked hemolysis and lipemia.	0.5 mL serum in red top or serum separator tube.	24 hours Performed each shift
S16040	**Anticoagulant Screen** Use test when ingestion of warfarin, bromadiolone, coumachlor, brodifacoum, diphacinone, chlorophacinone, or difethialone is suspected. **Note:** Send out test requiring serum, stomach contents, bait, or frozen liver tissue.	The following sample types are best for diagnosis: 1. 20 grams frozen, unfixed liver tissue 2. 5.0 mL serum in red top or other non-additive tube	10-15 business days
T515	**Antinuclear Antibodies ANA** Antinuclear Antibodies (ANA) Titer Antinuclear Antibody test is a titer test used as part of the Systemic Lupus Erythematosus (SLE) evaluation in patients with appropriate history, clinical signs, and other laboratory findings. **Note:** Canine and feline only.	0.5 mL serum in red top or serum separator tube.	1-3 days
T060	**AST (SGOT)** Aspartate Aminotransferase **Interferences:** Marked hemolysis and lipemia. Serum or plasma should be separated within 1 hour of draw and centrifuged.	0.5 mL serum in red top or spun serum separator tube.	24 hours Performed each shift
SA280	**Autoimmune Profile** CBC, Antinuclear Antibodies ANA, and Direct Coombs' Test Warm An autoimmune panel evaluating a Complete Blood Count (CBC), Direct Coombs test warm, and Antinuclear antibodies. Canine and feline only. **Interferences:** Marked hemolysis and lipemia.	0.5 mL serum and 1.0 mL EDTA whole blood. Serum in red top or serum separator tube, lavender top.	1-3 days

CODE	TEST NAME | DESCRIPTION | COMPONENTS	SPECIMEN	TAT*
SA170	**Autoimmune Profile Standard** CBC, Antinuclear Antibodies ANA, Direct Coombs' Test Warm, Rheumatoid Factor An autoimmune panel evaluating a Complete Blood Count (CBC), direct Coombs' test warm, and antinuclear antibodies. **Interferences:** Marked hemolysis and lipemia.	0.5 mL serum and 1.5 mL of whole blood. Serum in red top or serum separator tube, lavender top.	24 hours
T115	**Bicarbonate** **Interferences:** Marked hemolysis and lipemia.	0.5 mL serum in red top or serum separator tube.	24 hours Performed each shift
DBIL	**Bilirubin, Direct** Direct Bilirubin **Interferences:** Marked hemolysis and lipemia. Lipemia can falsely increase results.	0.5 mL serum in red top or serum separator tube.	24 hours Performed each shift
T090	**Bilirubin, Total** Total Bilirubin **Interferences:** Marked hemolysis and lipemia.	0.5 mL serum in red top or serum separator tube.	24 hours Performed each shift
T520	**Bladder Tumor Analytes** This test may be used as an adjunct in the diagnosis of transitional cell carcinomas (TCC). The test is a reasonably sensitive (~90%) but not a specific test for TCC. Consider CADET™ *BRAF* (T1025). **Interferences:** False-positive results may occur in the presence of proteinuria, aciduria, urinary tract infection, and hematuria. An alternative test to consider is the CADET™ *BRAF* if looking for a non-invasive diagnostic test with a far higher sensitivity (95%) and specificity (99%).	2.0 mL urine in urine transport tube.	1-2 days
T525	**Blastomyces Antibody** To investigate the possibility of blastomycosis as the cause of clinical signs. **Note:** Test is reported as positive or negative. No titer is given.	0.5 mL serum in red top or serum separator tube.	2-3 days
S86293	**Blastomyces Quantitative Ag Assay** Blastomyces dermatitidis Ag, EIA An antigen test used to diagnose blastomycosis.	2.0 mL urine in urine transport tube.	5-7 days
T340	**Blood Cross Match** Includes Donor ID, Major and/or Minor Cross Match Screens for pre-existing antibodies directed against red cell antigens to determine serological compatibility prior to transfusion. If serum, as well as whole blood, is submitted both minor and major cross-match will be performed. This test is not intended for use in determining pre-breeding compatibility testing, neonatal isoerythrolysis, or the prevention of neonatal isoerythrolysis. **Interferences:** Marked hemolysis and lipemia.	1.0 mL EDTA whole blood in lavender top tube and 1.0 mL serum in red top tube for patient and each donor. Tubes labeled as patient and donor. Serum in serum separator tube is acceptable but not preferred.	1-3 days

CODE	TEST NAME | DESCRIPTION | COMPONENTS	SPECIMEN	TAT*
T345	**Cross Match, Additional Donor 2** Donor ID, Major and Minor Cross Match Screens for pre-existing antibodies directed against red cell antigens to determine serological compatibility prior to transfusion. If serum, as well as whole blood, is submitted both minor and major cross-match will be performed. This test is not intended for use in determining pre-breeding compatibility testing, neonatal isoerythrolysis, or the prevention of neonatal isoerythrolysis. **Interferences:** Marked hemolysis and lipemia. **Note:** This test must be used in addition to Cross Match - **T340, page 109**.	1.0 mL EDTA whole blood in lavender top tube and 1.0 mL serum in red top tube for recipient and each donor. Tubes labeled as recipient and donor. Serum in serum separator tube is acceptable but not preferred.	1-3 days
S16003	***Brucella* Titer for Export (KSU)** *Brucella* Titer for Export. Evaluation for antibody suggestive of *Brucella canis* exposure. *Brucella canis* antibody evaluation is performed by serum agglutination. The test is typically used when required for export. Canine only. **Note:** Clearly write microchip number on the Test Requisition Form (TRF) and on submitted sample tube.	1.0 mL serum in red top or serum separator tube.	7-10 business days
T100	**Blood Urea Nitrogen (BUN)** **Interferences:** Marked hemolysis and lipemia.	0.5 mL serum in red top tube or serum separator tube.	24 hours Performed each shift
T107	**BUN, Creatinine, SDMA, T4** BUN and Creatinine with SDMA and T4. BUN, creatinine, SDMA for glomerular filtration rate estimation (**T1035, page 61**), and Total T4. **Interferences:** T4 evaluation can be affected in a hemolyzed or moderately lipemic sample. Lipemia can falsely decrease T4 results. Lipemia can falsely elevate TSH results.	0.5 mL serum in red top tube or serum separator tube.	24 hours Performed each shift
T105	**BUN, Creatinine, SDMA** BUN, Creatinine with SDMA and BUN/Creat Ratio. BUN, creatinine, and SDMA for glomerular filtration rate estimation (**T1035, page 61**). **Interferences:** Marked hemolysis and lipemia.	0.5 mL serum in red top tube or serum separator tube.	24 hours Performed each shift
SA140	**Canine Heartworm Program** MiniScreen 4 Chem, Heartworm Antigen MiniScreen chemistry and heartworm antigen detection. **Interferences:** Marked hemolysis and lipemia.	1.0 mL serum in red top or serum separator tube.	1-2 days
SA130	**Canine Heartworm Program Plus** MiniScreen 4 Chem, CBC, Heartworm Antigen MiniScreen chemistry, a Complete Blood Count (CBC), and heartworm antigen detection. **Interferences:** Marked hemolysis and lipemia.	1.0 mL serum and 1.0 mL EDTA whole blood. Serum in red top or serum separator tube, lavender top.	1-2 days

CODE	TEST NAME | DESCRIPTION | COMPONENTS	SPECIMEN	TAT*
T690	**Canine Parvovirus Antibody Titer** Parvovirus IgG, Parvovirus IgM Evaluation of IgM and IgG titers consistent with Canine Parvovirus exposure. Titers must be interpreted in light of previous vaccination and clinical signs. **Interferences:** Marked hemolysis or marked lipemia (if unable to clear by centrifugation).	0.5 mL serum in red top or serum separator tube.	1-3 days
T1010	**Cardio BNP-Canine** ANTECH™ Cardio BNP - Canine This test provides a quantitative assessment of canine heart health by measuring the concentration of the carboxy terminal of the BNP peptide (cBNP), which is released by cardiac myocytes in response to stretch and stress. **Note:** Submission requires a specific BNP tube. Draw 2.0 mL whole blood into a lavender top tube, centrifuge and separate 0.5 mL plasma from the blood cells and immediately inject the EDTA plasma into a closed BNP tube. Keep sample cold.	0.5 mL EDTA plasma injected into BNP tube.	2-3 days
T120	**Chloride** **Interferences:** Marked lipemia. Serum should be separated within 1 hour after draw.	0.5 mL serum in red top or serum separator tube.	24 hours Performed each shift
T125	**Cholesterol** **Interferences:** Marked hemolysis and lipemia.	0.5 mL serum in red top or serum separator tube.	24 hours Performed each shift
T235	**Cholinesterase-Serum** Test used to diagnose organophosphate toxicity.	1.0 mL serum in red top or serum separator.	5-7 days
T840	**Cobalamin B12** Generally used as part of a larger panel when evaluating for malassimilation/maldigestion. **Note:** Ideally freeze and ship on ice. Otherwise submit fresh on ice.	0.5 mL serum in red top or serum separator tube.	1-2 days
S16195	**Cobalamin B12/Folate** Used to further evaluate gastrointestinal signs where malassimilation and maldigestion are suspected. Additional measurement of TLI is recommended to ensure the most accurate interpretation of results. **Interferences:** Previous vitamin supplementation may cause interference (and elevated concentrations). **Note:** Pets should fast overnight prior to sampling. Hemolysis can affect folate results. Previous vitamin supplementation will cause elevated concentrations. Send/ship test on ice packs. Add-ons after 24 hours cannot be insured for accuracy as the sample only has a 24 hour stability time.	0.5 mL serum in red top or serum separator tube.	1-2 days
SA160	**Cobalamine, Folate, TLI Canine** Cobalamin B12/Folate, TLI - Canine Used to further evaluate gastrointestinal signs where malassimilation and maldigestion are suspected. **Note:** Pet should fast overnight. Hemolysis of sample may affect folate results. Previous vitamin supplementation will cause elevated concentrations.	1.0 mL serum in red top or serum separator tube.	1-2 days

CODE	TEST NAME | DESCRIPTION | COMPONENTS	SPECIMEN	TAT*
SA275	**Cobalamine, Folate, TLI Feline** Cobalamin B12/Folate, TLI - Feline Used to further evaluate gastrointestinal signs where malassimilation and maldigestion are suspected. **Note:** Pet should fast overnight. Hemolysis of sample may affect folate results. Previous vitamin supplementation will cause elevated concentrations.	1.5 mL serum in red top or serum separator tube.	2-10 days
S16210	**Copper Level** Used to detect exposure to excessive copper. **Note:** Submit sample on ice. In the case of a primary copper, hepatopathy only a quantitative copper on liver tissue combined with histopathology can confirm the diagnosis.	Submit one or more of the following: • 1.0 mL serum or plasma in non-additive tube. • 5.0 grams fresh liver or 50 mg fresh liver biopsy (approx. 3 Tru-Cut samples) in leak-proof container. • 3.0 mL urine in urine transport tube. • 500 grams feed in leak-proof container. For birds: 0.3 mL serum or plasma (in non-additive tube) is adequate. For ruminants and camelids: 5.0 grams fresh kidney (in leak-proof container) is required.	10-14 days
S16215	**Copper Storage Disease** Tissue Copper Quantification To be used when a quantitative copper level is required on hepatic tissue. **Note:** A minimum of 5.0 grams of fresh liver in saline is the ideal sample.	5.0 grams fresh liver tissue placed in saline.	10-14 days
S16225	**Corona Virus IgG and IgM** Evaluation for IgM and IgG antibody to canine coronavirus.	0.5 mL serum in red top or serum separator tube.	3-5 days
T130	**CPK** **Interferences:** Marked hemolysis and lipemia.	0.5 mL serum in red top or serum separator tube.	24 hours Performed each shift
T135	**Creatinine** **Interferences:** Marked hemolysis and lipemia.	0.5 mL serum in red top or serum separator tube.	24 hours Performed each shift

CODE	TEST NAME | DESCRIPTION | COMPONENTS	SPECIMEN	TAT*
SA350	**Crypto, *Giardia*, *Clostridium* Enterotoxin** *Clostridium perfringens* enterotoxin, *Giardia* (FA), *Cryptosporidium* (FA), *Giardia* ELISA A panel that can be considered when suspecting *Clostridium perfringens*, *Cryptosporidium* spp., or *Giardia* spp. as the cause for gastroenteritis. Submission includes *Cryptosporidium* spp. *Giardia* spp. evaluated by FA, *Clostridium perfringens* enterotoxin assessment and a *Giardia* ELISA Antigen detection. **Note:** The specimen must arrive cold (send on ice) and must be tested within 24 hours of collection for accuracy with regards to Clostridial enterotoxin detection.	10 grams of feces in ANTECH™ provided fecal container.	1-7 days
T350	**D-Dimer** This test is used to measure the concentration of D-dimers. **Interferences:** Marked hemolysis and lipemia. **Note:** Moderately to markedly lipemic samples can cause D dimer results to be spuriously decreased. Citrated Whole Blood (Blue Top Tube) or citrated plasma is the only acceptable sample. The tube should be greater than 2/3rds filled. If submitting separated citrated plasma, label it as Citrated Plasma.	0.5 mL citrated plasma in non-additive transport tube.	24 hours
ADD270	**Distemper Parvo Titer Add-on** This test detects IgG antibodies against canine parvovirus and canine distemper virus using ELISA. Results are reported as positive (protective) or negative (insufficient neutralizing antibody detected).This test is not to be used in patient suspected of having distemper or parvovirus infection. **Interferences:** Marked hemolysis and lipemia. This test does not give an endpoint titer result. This test is only meant to be used to determine if the amount of antibody present would be sufficient to protect the patient in the face of exposure. This test should not be used on dogs with current or recent clinical signs of distemper or parvovirus infection.	0.5 mL serum in red top or serum separator tube.	1-3 days
T565 **Add-on Equivalent ADD270**	**Distemper Parvo Vaccinal Titer** This test detects IgG antibodies against canine parvovirus and canine distemper virus using ELISA. Results are reported as positive (protective) or negative (insufficient neutralizing antibody detected).This test is not to be used in patient suspected of having distemper or parvovirus infection. **Interferences:** Marked hemolysis and lipemia. This test should not be used on dogs with current or recent clinical signs of distemper or parvovirus infection as a positive may indicate a response to infection rather than protection.	0.5 mL serum in red top or serum separator tube.	1-3 days
S16250	**Distemper Smear, FA** This test is helpful in making a diagnosis of distemper, in the absence of recent vaccination, when used in conjunction with clinical signs.	0.2 mL EDTA whole blood in lavender top tube (in order to prepare 1 or more smears); or unstained peripheral blood, buffy coat or urine sediment smear(s).	1-5 days
T560	**Distemper Vaccinal Titer** This test detects IgG antibodies against canine distemper virus. The result is reported as positive or negative. A titer is not reported. This test is not to be used in patients suspected to be ill from distemper virus infection. **Interferences:** Marked hemolysis and lipemia.	0.5 mL serum in red top or serum separator tube.	1-2 days

CODE	TEST NAME | DESCRIPTION | COMPONENTS	SPECIMEN	TAT*
T675	**Distemper/Parvo IgG End Point Titer** Distemper IgG End PT Titer, Parvo IgG End Point This test provides an endpoint IgG titer for Canine Distemper and Canine Parvovirus exposure. **Interferences:** Marked hemolysis and lipemia.	1.0 mL serum in red top or serum separator tube.	1-2 days
S16865	**FIV Antibody, Western Blot** This is a western blot test to detect antibodies directed against the Feline Immunodeficiency Virus. It may be used as a confirmatory test for the presence of antibodies against FIV. **Note:** Does not differentiate cats infected with FIV from cats vaccinated against FIV, or from kittens with passive transfer of antibodies against FIV from the queen.	0.5 mL serum in red top or serum separator tube.	1-2 days
SFUN	**Fungal Serology**	0.5 mL serum in red top tube.	2-3 days
SA340	**Fungal Serology with Cocci** Fungal Serology (Histoplasma, Blastomyces, *Aspergillus*), Coccidioidomycosis Screen and Titer. Detects the presence of antibodies to Histoplasma, Blastomyces, *Aspergillus*, and Coccidioides spp. Detection of antigen is more sensitive than antibody for the diagnosis of Histoplasmosis and Blastomycosis. **Interferences:** Marked lipemia. A titer is only reported for Coccidioides. All other results are reported as positive or negative for antibody detection. Both the Blastomyces and Histoplasma antigen tests are preferred over antibody testing as a diagnostic test.	1.0 mL serum in red top or serum separator tube.	2-5 days
T790	***Giardia* (FA) and *Cryptosporidium* (FA)** *Giardia* IFA and *Cryptosporidium* IFA This assay uses fluorescence-labeled monoclonal antibodies to detect *Giardia* and *Cryptosporidium* cysts in stool samples. **Note:** *Giardia* FA is less sensitive than the *Giardia* ELISA and O&P tests. *Cryptosporidium* FA is likely more sensitive than an O&P test. The GI PCR panel would be preferred to either FA test with regards to sensitivity and specificity.	6 grams fresh fecal specimen in ANTECH™ provided fecal container.	1-2 days
T150	**Glucose** **Interferences:** Hemolysis and lipemia. Hemolysis may cause false decreases in glucose. Lipemia may cause false increases in glucose.	0.5 mL serum in red top or serum separator tube (spun).	24 hours Performed each shift
S16400	**Herpes - Conjunctival Smear** Conjunctival smears are used to evaluate for the presence of herpes virus antigen in epithelial cells via immunofluorescence. **Note:** Ensure slides have adequate cellularity.	2 conjunctival smears.	9-12 days
S86022	**Herpes Antibody, IFA** Detection of Herpes antibody by IFA.	0.3 mL serum in red top or serum separator tube.	5-7 days

CODE	TEST NAME | DESCRIPTION | COMPONENTS	SPECIMEN	TAT*
T660	**Immunoglobulins A, G, M** This test quantifies IgG, IgM and IgA levels by radial immunodiffusion in dogs. **Interferences:** Marked hemolysis and lipemia. **Note:** Reference intervals for adult dogs and cats have been established. However, if submitting serum for a young animal, age-matched controls should be submitted concurrently. Reference intervals for other species are provided by the manufacturer and are age-dependent. It is imperative to provide the entire signalment, including age, when submitting samples.	0.5 mL serum in red top tube.	7-9 days
T155	**Iron, Serum** **Interferences:** Marked hemolysis.	0.5 mL serum in red top tube or serum separator tube.	1-2 days
T160	**Lactate Dehydrogenase (LDH)** **Interferences:** Hemolysis. Hemolysis or delayed separation can falsely elevate results.	0.5 mL serum in red top tube or serum separator tube.	24 hours
T745	**Lead Level** Used to detect exposure to lead.	0.5 mL of EDTA whole blood in lavender top tube.	3-5 days
T170	**Magnesium** **Interferences:** Marked hemolysis and lipemia.	0.5 mL serum in red top or serum separator tube.	24 hours Performed each shift
S16535	**Masticatory Muscle Myositis** Masticatory Muscle Myositis - 2M Antibody This test is used to diagnose masticatory myositis by detecting autoantibodies specifically directed against masticatory muscle proteins. **Note:** This assay may be negative if immunosuppressive dosages of cortisocosteroids have been given for longer that 7-10 days prior to test submission.	1.0 mL serum in red top or plain transport tube, or in serum separator tube.	12-15 days
T810	**Occult Blood, Feces** This is a test for the detection of occult blood in fecal samples. The test is not highly sensitive and is dependent on the amount of heme present and how evenly the heme is spread throughout the sample. **Note:** Diets of red meat, chicken, or fresh/uncooked vegetables may cause false-positive results and should not be eaten for 48 hours prior to testing.	3 grams of feces in ANTECH™ provided fecal container.	1-2 days
S16575	**Osmolality - Serum** This may be of utility in the evaluation of the causes of PUPD.	1.0 mL serum in red top or serum separator tube.	3-4 days
S85364	**Pancreatic Lipase Immunoreactivity** Measures concentrations of pancreatic lipase in the serum. **Interferences:** Hemolysis. **Note:** A 12 hour fast is recommended prior to sample submission.	0.5 mL serum in red top or serum separator tube.	5-7 business days

CODE	TEST NAME | DESCRIPTION | COMPONENTS	SPECIMEN	TAT*
S86468	**Pancreatitis Profile - Canine** Cobalamin B12/Folate, Canine cTLI, Pancreatic Lipase Immunoreactivity Includes cobalamin (B12), folate, Trypsin-Like Immunoreactivity (TLI), and pancreatic lipase immunoreactivity (cPLI). **Note:** Pet should fast overnight. Hemolysis of sample may affect folate results. Previous vitamin supplementation will cause elevated concentrations.	1.5 mL serum in red top or serum separator tube.	2-10 days
S86288	**Pancreatitis Profile - Feline** Cobalamin B12/Folate, Feline fTLI, Pancreatic Lipase Immunoreactivity Includes cobalamin (B12), folate, trypsin like immunoreactivity (TLI), and pancreatic lipase immunoreactivity (fPLI).	1.5 mL serum in red top or serum separator tube.	2-10 days
S16580	**Panleukopenia Titer IgG, IgM** This test evaluates for the presence of IgM and IgG antibodies to the feline panleukopenia virus. It will be positive either due to infection or vaccination against panleukopenia. Kittens may test positive due to transmammary transfer of antibodies. This test will also detect antibodies directed against canine parvovirus in cats infected with CPV-2a and CPV-2b. **Interferences:** Marked hemolysis and lipemia (if unable to clear with centrifugation).	0.5 mL serum in red top or serum separator tube.	1-5 days
S16053 **Add-on Equivalent ADD280**	**Panleukopenia Vaccinal Titer** The test detects IgG antibodies against Panleukopenia via Immunofluorescent antibody assessment (IFA). A titer of 1:5 or greater, in the absence of clinical signs of disease, indicates an immunological response to vaccination. A vaccine titer of less than 1:5 indicates a low level of circulating antibodies. **Interferences:** Marked hemolysis and lipemia (if unable to clear with centrifugation).	0.5 mL serum in red top or serum separator tube.	1-5 days
ADD280	**Panleukopenia Vaccinal Titer Add-on** The test detects IgG antibodies against Panleukopenia via Immunofluorescent antibody assessment (IFA). A titer of 1:5 or greater, in the absence of clinical signs of disease, indicates an immunological response to vaccination. A vaccine titer of less than 1:5 indicates a low level of circulating antibodies. **Interferences:** Marked hemolysis and lipemia (if unable to clear with centrifugation).	0.5 mL serum in red top or serum separator tube.	1-5 days

CODE	TEST NAME | DESCRIPTION | COMPONENTS	SPECIMEN	TAT*
T825	**Parasite identification** **Note:** Document where on the animal the parasite was noted.	Specimens may be submitted in 70% ethanol. This is preferred if further molecular analysis (PCR) is warranted. Submission form must include host species and body location from where parasite was collected. If submitting slides with worms, place slides in a leak proof container with 70% ethanol. Other representative sample types include feather, intestine, liver, fresh tissue, urine, wash/lavage, feces or vomitus. Samples fixed in formalin are acceptable but not suitable for molecular diagnosis. Jar with formalin or alcohol, slides in 70% alcohol	10-12 days
T700	**Parvo Antibody, Antigen** Parvovirus Antigen, Canine Parvovirus Antibody Titer Detects parvovirus antigen in fecal samples and evaluates a concurrent serum sample for IgM and IgG titers consistent with Canine Parvovirus exposure. **Note:** Modified live virus vaccination for parvovirus may give false-positive results for about two weeks after vaccination. A negative test does not rule out parvovirus infection.	5.0 grams of feces and 0.5 mL serum. Serum in red top or serum separator tube, ANTECH™ provided fecal container.	1-3 days
T705	**Parvovirus Vaccinal Titer** Used to evaluate current IgG levels to Parvovirus in light of previous vaccination. **Interferences:** Marked hemolysis and lipemia. **Note:** Not to be used in dogs with current or recent clinical signs of parvovirus infection as a positive may indicate response to infection rather than protection.	0.5 mL serum in red top or serum separator tube.	1-3 days
T180	**Phosphorus** **Interferences:** Marked hemolysis and lipemia. Hemolysis or delayed separation will falsely increase results.	0.5 mL serum in red top or serum separator tube.	24 hours Performed each shift
T185	**Potassium** **Interferences:** Hemolysis and marked lipemia. Hemolysis will falsely elevate results.	0.5 mL serum in red top or serum separator tube.	24 hours Performed each shift

CODE	TEST NAME | DESCRIPTION | COMPONENTS	SPECIMEN	TAT*
T245	**Protein Electrophoresis (Urine)** Urine Protein Electrophoresis (Total Protein, Albumin, Globulin, Alpha 1, Alpha 2, Beta 1, Gamma 1 with Interpretation) Evaluation for Bence Jones proteins in urine.	4.5 mL urine.	2-4 days
ADD130	**Protein Electrophoresis Add-on** Total protein, Albumin, Globulin, Alpha 1, Alpha 2, Beta 1, and Gamma 1 fraction assessment with interpretation. An evaluation of the globulin fraction of the serum (Alpha 1, alpha 2, beta, and gamma) to determine if the globulin fraction is monoclonal based on these components. **Interferences:** Hemolysis may interfere with results.	0.5 mL serum in red top or serum separator tube.	2-4 days
T9810	**Relaxin** Relaxin is a hormone produced by the placenta, and detection of relaxin in serum or plasma is a sensitive and specific test for pregnancy in dogs and cats. **Interferences:** Marked hemolysis.	0.5 mL serum in red top or serum separator tube.	1-2 days
S16702	**Rhinotrachitis Feline** Viral Neutralization Antibody Titer Serum neutralization assay for detection of neutralizing antibodies to Feline Herpesvirus (Rhinotracheitis).	1.0 mL serum in red top or serum separator tube.	7-10 business days
S16730	**Selenium Level** Used to detect exposure to selenium.	Test can be performed on one of the following specimens: • 1.0 mL serum in red top or serum separator tube (spun) • 1.0 mL EDTA whole blood in lavender top tube • 10.0 grams feed (representative sample)	5-7 days
T195	**Sodium** **Interferences:** Marked hemolysis and lipemia. Hemolysis falsely elevates results.	0.5 mL serum in red top or serum separator tube.	24 hours Performed each shift
T200	**Sodium and Potassium Combo** Sodium, Potassium, and NA/K Ratio Sodium and potassium evaluation **Interferences:** Hemolysis and marked lipemia. Hemolysis will falsely elevate results.	0.5 mL serum in red top or serum separator tube.	24 hours Performed each shift
T500	**T4 Autoantibodies** Detection of T4 autoantibody is used to assess the presence of autoimmune thyroid disease. This test is less sensitive to autoimmune thyroid disease than the thyroglobulin autoantibody (TGAA) test.	0.5 mL serum in red top or serum separator tube.	2-4 days

CODE	TEST NAME | DESCRIPTION | COMPONENTS	SPECIMEN	TAT*
S16755	**Taurine** Measurement of taurine concentration in whole blood via HPLC. **Note:** Do not fast prior to sample submission. Whole blood submitted in a green-top refrigerated is preferred. EDTA may also be used but taurine concentrations in EDTA anticoagulated blood will be slightly lower than in a GTT.	1.0 mL heparinized whole blood in green top tube.	10-15 business days
SA330	**Tick Borne Disease Panel** *Ehrlichia canis*, Lyme Titer IgG, and Rocky Mountain Spotted Fever IFA Detects the presence of antibodies to *Ehrlichia canis*, *Borrelia burgdorferi* (Lyme), and Rocky Mountain Spotted fever. **Interferences:** Marked hemolysis and lipemia.	1.0 mL serum in red top or serum separator tube.	1-2 days
S16800	**TLI, Feline** Trypsin-like Immunoreactivity. Use to confirm feline exocrine pancreatic insufficiency (EPI). **Note:** Recommend fasting for 8-12 hours prior to drawing sample.	1.0 mL serum in red top or serum separator tube.	7-10 days
T190	**Total Protein** **Interferences:** Marked hemolysis and lipemia.	0.5 mL serum in red top or serum separator tube.	24 hours Performed each shift
T127	**Triglyceride, Cholesterol Panel** **Interferences:** Marked hemolysis and lipemia.	0.5 mL serum in red top or serum separator tube.	24 hours Performed each shift
T205	**Triglycerides** **Interferences:** Marked hemolysis and lipemia.	0.5 mL serum in red top or serum separator tube.	24 hours Performed each shift
T230	**Trypsin-Like Immunoreactivity Canine (cTLI)** Canine Trypsin- Like Immunoreactivity (cTLI) is used to diagnose exocrine pancreatic insufficiency. **Note:** A 12-hour fast is required. Canine only.	0.5 mL serum in red top or serum separator tube.	1-2 days
S16870	**Zinc** Evaluation of blood zinc level **Note:** Plasma or serum needs to be separated from cells and transferred to a plastic vial. Do not use tubes with rubber stoppers.	0.5 mL of serum in royal blue top tube or plastic transfer tube.	5-7 days
T730 **Add-on Equivalent ADD320**	**Bromide** This test is used to monitor bromide therapy. Therapeutic serum bromide concentrations should be measured at three weeks after initiating therapy, but steady-state concentrations may fluctuate among dogs due to differences in drug clearance and bioavailability. **Interferences:** Gel may interfere with test. Do not use a serum separator tube for sample collection or submission.	0.5 mL serum in red top or other non-additive transport tube.	1-2 days
ADD320	**Bromide Add-on** This test is used to monitor bromide therapy. Therapeutic serum bromide concentrations should be measured at three weeks after initiating therapy, but steady-state concentrations may fluctuate among dogs due to differences in drug clearance and bioavailability.	0.5 mL serum in red top tube. Submission in serum separator tube is not recommended.	1-2 days

CODE	TEST NAME	DESCRIPTION	COMPONENTS	SPECIMEN	TAT*
S18702	**Cyclosporine** Used to assess the cyclosporine drug level being achieved, at the current drug dosing, in a given patient. **Note:** Peak drug level occurs 2 hours post medication. Trough drug level will occur just prior to the next 12-hour dose.			2.0 mL EDTA whole blood in lavender top tube.	7-10 days
T735	**Digoxin** Digoxin level **Interferences:** Hemolysis, gel may interfere with test. Do not use a serum separator tube for sample draw or submission.			0.5 mL serum in red top tube collected 8 hours post pill.	1-2 days
S86541	**Keppra Level** Used to detect exposure to Keppra.			2.0 mL serum in red top or non-additive tube. Submission in serum separator tube is not recommended.	5-7 days
T750 **Add-on Equivalent ADD315**	**Phenobarbital** Phenobarbital level **Interferences:** Hemolysis and gel in serum separator tube may interfere with test. Do not use a serum separator tube for sample draw or submission.			0.5 mL serum in red top tube. Submission in serum separator tube is not recommended.	1-2 days
ADD315	**Phenobarbital Add-on** Phenobarbital level **Interferences:** Hemolysis and gel in serum separator tube may interfere with test.			0.5 mL serum in red top tube. Submission in serum separator tube is not recommended.	1-2 days
SA830	**Phenobarbital Panel Plus** Includes a liver chemistry (**SA324, page 59**), a Complete Blood Count (CBC), a single bile acids, and a phenobarbital level. **Interferences:** Marked hemolysis and lipemia. All therapeutic drug monitoring should be submitted as serum in a red top tube. A serum separator tube should not be used in sample collection as the drug concentration being measured may be erroneously decreased by as much as 30% due to binding with gel. Ursodeoxycholic acid may be detected by bile acid assay, causing falsely elevated values.			1.5 mL serum and 1.0 mL EDTA whole blood. Serum in red top tube, lavender top	1-2 days
S86480	**Zonisamide Zonegran** Zonisamide concentration. **Interferences:** Hemolysis, serum separator gel may interfere with testing.			0.5 mL serum in red top or other non-additive transport tube.	1-5 days

Heska™ Allercept™

CODE	TEST NAME | DESCRIPTION | COMPONENTS	SPECIMEN	TAT*
S17029	**Heska™ Allercept™ Environmental and Food Panel** Comprehensive 83-allergen companion animal panel including grasses, weeds, trees, mites, epithelials, insects, fleas, yeast, and fungi. Food panel includes 24 common food allergens for companion animals. Quantitative IgE antibody test results. Immunotherapy recommendations based on patient history and clinic's location. If patient's primary location is different, please include patient's zip code. View complete allergen list at **antechdiagnostics.com/reference-lab/diagnostics/allergy/allergen-panels**	3.0 mL serum in red top, white top, serum separator tube, or in Heska™ provided tube.	4-5 business days
S17026	**Heska™ Allercept™ Environmental Panel** Comprehensive 83-allergen companion animal panel including grasses, weeds, trees, mites, epithelials, insects, fleas, yeast, and fungi. Quantitative IgE antibody test results. Immunotherapy recommendations based on patient history and location of clinic. If the primary location of the patient is different, please include zip code of patient. View complete allergen list at **antechdiagnostics.com/reference-lab/diagnostics/allergy/allergen-panels**	2.0 mL serum in red top, white top, serum separator tube, or in Heska™ provided tube.	4-5 business days
S17028	**Heska™ Allercept™ Food Panel** Food panel includes 24 common food allergens for companion animals. Quantitative IgE antibody test results. No immunotherapy recommendations accompany the food panel. View complete allergen list at **antechdiagnostics.com/reference-lab/diagnostics/allergy/allergen-panels** **Note:** ANTECH™, in agreement with the American College of Veterinary Dermatology, does not recommend IgE testing for foods. A compliant exclusionary diet trial, followed by provocative re-challenge, is recommended for animals suspected of suffering from adverse reaction to foods.	1.0 mL serum in red top, white top, serum separator tube, or in Heska™ provided tube.	4-5 business days
S17027	**Heska™ Allercept™ Equine Panel** Comprehensive 91-allergen equine panel including grasses, weeds, trees, mites, epithelials, biting flies and insects, fleas, yeast, and fungi. Quantitative IgE antibody test results. Immunotherapy recommendations based on patient history and location of clinic. If primary location of patient is different, please include zip code of patient. View complete allergen list at **antechdiagnostics.com/reference-lab/diagnostics/allergy/allergen-panels**	3.0 mL serum in red top, white top, serum separator tube, or in Heska™ provided tube.	4-5 business days

CODE	TEST NAME | DESCRIPTION | COMPONENTS	SPECIMEN	TAT*
	THERAPY SHOTS		
905301	**Heska™ Allercept™ Therapy Shot Initial Treatment Set (2 Vials)** Custom therapy of up to 12 Allergens. Includes one starter vial for starting treatment and one maintenance vial. **Note:** To order visit **customerportal.heska.com** or call customer service at **800-464-3752, dial 5**.	Keep refrigerated (call customer service for specimen handling protocol at **800-464-3752, dial 5**)	2-5 business days
905302	**Heska™ Allercept™ Therapy Shot Maintenance Refill (1 Vial)** Maintenance refill for Code **905301** (Initial Treatment Set). Custom therapy of up to 12 Allergens. Includes one maintenance serum vial. **Note:** To order visit **customerportal.heska.com** or call customer service at **800-464-3752, dial 5**.	Keep refrigerated (call customer service for specimen handling protocol at **800-464-3752, dial 5**)	2-5 business days
905305	**Heska™ Allercept™ Therapy Shot Double Maintenance Refill (2 Vials)** Two maintenance refills for Code **905301** (Initial Treatment Set). Custom therapy of up to 12 Allergens. Includes two maintenance serum vials. **Note:** To order visit **customerportal.heska.com** or call customer service at **800-464-3752, dial 5**.	Keep refrigerated (call customer service for specimen handling protocol at **800-464-3752, dial 5**)	2-5 business days
905303	**Heska™ Allercept™ Therapy Shot Two Initial Treatment Sets (4 Vials)** Custom therapy of up to 12 Allergens per treatment set; for a total of up to 24 Allergens. Includes two starter vials for starting treatment and two maintenance vials. **Note:** To order visit **customerportal.heska.com** or call customer service at **800-464-3752, dial 5**.	Keep refrigerated (call customer service for specimen handling protocol at **800-464-3752, dial 5**)	2-5 business days
905304	**Heska™ Allercept™ Therapy Shot Maintenance Refill (2 Vials)** Two maintenance refills for Code **905303** (Two Initial Treatment Sets). Customer therapy of up to 12 Allergens per vial, for a total of up to 24 Allergens. Each maintenance vial contains different Allergens. Includes two maintenance serum vials. **Note:** To order visit **customerportal.heska.com** or call customer service at **800-464-3752, dial 5**.	Keep refrigerated (call customer service for specimen handling protocol at **800-464-3752, dial 5**)	2-5 business days

CODE	TEST NAME | DESCRIPTION | COMPONENTS	SPECIMEN	TAT*
	THERAPY DROPS		
905401	**Heska™ Allercept™ Therapy Oral Drops Initial Treatment Set with 2 Bottles** Custom therapy of up to 12 Allergens. Includes two bottles of increasing potency; one bottle "A" and one bottle "B". **Note:** • Order only after case consultation with ANTECH™ Specialty Products Technical Support at **heskaallergy@heska.com** or call customer service at **800-464-3752, dial 5**. • ANTECH™ strongly recommends a maximum of 12 allergens per vial for Allercept™ Therapy Shots. Data suggest that a lower number of allergens per vial improves immunotherapy response. Should additional allergens be requested per treatment set, there will be an additional charge per allergen over 12 allergens determined at the time of order.	Store at room temperature (call customer service for specimen handling protocol at **800-464-3752, dial 5**)	2-5 business days
905402	**Heska™ Allercept™ Therapy Oral Drops Maintenance Kit with 2 "C" Bottles** Includes two maintenance "C" bottle refills for Code **905401** (Initial Treatment Set). Custom therapy of up to 12 Allergens. **Note:** • Order only after case consultation with ANTECH™ Specialty Products Technical Support at **heskaallergy@heska.com** or call customer service at **800-464-3752, dial 5**. • ANTECH™ strongly recommends a maximum of 12 allergens per vial for Allercept™ Therapy Shots. Data suggest that a lower number of allergens per vial improves immunotherapy response. Should additional allergens be requested per treatment set, there will be an additional charge per allergen over 12 allergens determined at the time of order.	Store at room temperature (call customer service for specimen handling protocol at **800-464-3752, dial 5**)	2-5 business days

CODE	TEST NAME | DESCRIPTION | COMPONENTS	SPECIMEN	TAT*
905403	**Heska™ Allercept™ Therapy Oral Drops Maintenance Refill Kit with 2 "B" Bottles** Includes two "B" bottle refills. Custom therapy of up to 12 Allergens. **Note:** • Order only after case consultation with ANTECH™ Specialty Products Technical Support at **heskaallergy@heska.com** or call customer service at **800-464-3752, dial 5**. • ANTECH™ strongly recommends a maximum of 12 allergens per vial for Allercept™ Therapy Shots. Data suggest that a lower number of allergens per vial improves immunotherapy response. Should additional allergens be requested per treatment set, there will be an additional charge per allergen over 12 allergens determined at the time of order.	Store at room temperature (call customer service for specimen handling protocol at **800-464-3752, dial 5**)	2-5 business days
905404	**Heska™ Allercept™ Therapy Oral Drops Restart Kit with 2 Bottles ("B" and "C")** Includes one bottle "B" and one bottle "C". **Note:** • Order only after case consultation with ANTECH™ Specialty Products Technical Support at **heskaallergy@heska.com** or call customer service at **800-464-3752, dial 5**. • ANTECH™ strongly recommends a maximum of 12 allergens per vial for Allercept™ Therapy Shots. Data suggest that a lower number of allergens per vial improves immunotherapy response. Should additional allergens be requested per treatment set, there will be an additional charge per allergen over 12 allergens determined at the time of order.	Store at room temperature (call customer service for specimen handling protocol at **800-464-3752, dial 5**)	2-5 business days
905405	**Heska™ Allercept™ Therapy Oral Drops Refill Kit with 2 "A" Bottles** Includes two "A" bottles. **Note:** • Order only after case consultation with ANTECH™ Specialty Products Technical Support at **heskaallergy@heska.com** or call customer service at **800-464-3752, dial 5**. • ANTECH™ strongly recommends a maximum of 12 allergens per vial for Allercept™ Therapy Shots. Data suggest that a lower number of allergens per vial improves immunotherapy response. Should additional allergens be requested per treatment set, there will be an additional charge per allergen over 12 allergens determined at the time of order.	Store at room temperature (call customer service for specimen handling protocol at **800-464-3752, dial 5**)	2-5 business days

CODE	TEST NAME | DESCRIPTION | COMPONENTS	SPECIMEN	TAT*
905408	**Heska™ Allercept™ Therapy Oral Drops Single Refill Kit (One Bottle "A")** Includes one "A" bottle. **Note:** • Order only after case consultation with ANTECH™ Specialty Products Technical Support at **heskaallergy@heska.com** or call customer service at **800-464-3752, dial 5**. • ANTECH™ strongly recommends a maximum of 12 allergens per vial for Allercept™ Therapy Shots. Data suggest that a lower number of allergens per vial improves immunotherapy response. Should additional allergens be requested per treatment set, there will be an additional charge per allergen over 12 allergens determined at the time of order.	Store at room temperature (call customer service for specimen handling protocol at **800-464-3752, dial 5**)	2-5 business days
905407	**Heska™ Allercept™ Therapy Oral Drops Single Refill Kit (One Bottle "B")** Includes one "B" bottle. **Note:** • Order only after case consultation with ANTECH™ Specialty Products Technical Support at **heskaallergy@heska.com** or call customer service at **800-464-3752, dial 5**. • ANTECH™ strongly recommends a maximum of 12 allergens per vial for Allercept™ Therapy Shots. Data suggest that a lower number of allergens per vial improves immunotherapy response. Should additional allergens be requested per treatment set, there will be an additional charge per allergen over 12 allergens determined at the time of order.	Store at room temperature (call customer service for specimen handling protocol at **800-464-3752, dial 5**)	2-5 business days
905406	**Heska™ Allercept™ Therapy Oral Drops Single Refill Kit (One Bottle "C")** Includes one "C" bottle. **Note:** • Order only after case consultation with ANTECH™ Specialty Products Technical Support at **heskaallergy@heska.com** or call customer service at **800-464-3752, dial 5**. • ANTECH™ strongly recommends a maximum of 12 allergens per vial for Allercept™ Therapy Shots. Data suggest that a lower number of allergens per vial improves immunotherapy response. Should additional allergens be requested per treatment set, there will be an additional charge per allergen over 12 allergens determined at the time of order.	Store at room temperature (call customer service for specimen handling protocol at **800-464-3752, dial 5**)	2-5 business days

Avian • Exotics

CODE	TEST NAME | DESCRIPTION | COMPONENTS	SPECIMEN	TAT*
S17116	**Adrenal Androgen Panel for Ferrets** Estradiol, 17-OH Progesterone, Androstenedione	0.5 mL heparinized plasma spun in green microvial with gel separator.	10-14 days
S16011	***Aspergillus* AB Avian (AFMP1P ELISA)** Avian *Aspergillus* Antibody	0.5 mL serum in microtainer or regular serum separator tube (spun).	5-7 days
S85358	***Aspergillus* Ag, Galactomannan Assay** *Aspergillus* Antigen, Galactomannan Assay (Avian) Antigen detection test (EIA immunoenzymatic sandwich microplate assay) for galactomannan.	Canine or Feline: 1.0 mL serum in red top or serum separator tube. Avian: 0.1 mL serum in red top or serum separator tube.	7-10 days
S85359	***Aspergillus* Profile Avian** *Aspergillus* Antibody Avian, *Aspergillus* Ag. Galactomannan Assay, and Avian Protein Electrophoresis.	1.0 mL serum. 2 green top micro vials (withe gel) OR 2 serum in red tops or serum separator tubes.	2-10 days
AE290	**Avian Blood Lead**	0.5 mL of heparinized whole blood collected in green top tube.	3-5 days
AE021	**Avian Comprehensive Profile with Bile Acid** Comprehensive Avian Profile with Bile Acids Avian/Exotic.	0.75 mL of heparinized plasma, 0.5 mL of heparinized whole blood and 2 freshly prepared blood smears. 2 green top micro vials (with gel), green top micro vial (no gel) or 2 hematocrit tubes, slide holders.	24 hours Performed each shift
AE025	**Avian Comprehensive Profile with Bile Acid, EPH** Comprehensive Avian Profile with Bile Acids (Avian/ Exotic), and Avian Protein Electrophoresis.	0.75 mL of heparinized plasma, 0.5 mL of heparinized whole blood and 2 freshly prepared blood smears. 2 green top micro vials (gel), green top micro vial (no gel) or 2 hematocit tubes, slide holders.	1-3 days
AE010	**Avian Comprehensive Chemistries** Includes Total Protein, Albumin, Globulin, SGOT (AST), Phosphorus, Glucose, Calcium, Sodium, Potassium, Chloride, Cholesterol, CPK, and Uric Acid.	0.5 mL heparinized plasma in spun green top microtainer with gel.	24 hours Performed each shift

CODE	TEST NAME | DESCRIPTION | COMPONENTS	SPECIMEN	TAT*
AE300	**Avian Protein Electrophoresis** Includes Total Protein, Pre-Albumin, Albumin, Alpha 1, Alpha 2, Beta and Gamma.	0.5 mL of serum collected in red top or serum separator tube.	2-3 days
AE040	**Avian Standard Chemistries** Includes Total Protein, SGOT (AST), Phosphorus, Glucose, Calcium, CPK, and Uric Acid.	0.5 mL heparinized plasma in spun green top micro vial with gel.	24 hours Performed each shift
AE051	**Avian Standard Profile with Bile Acid** Standard Avian Profile, Avian/Exotic CBC, and Avian/Exotic Bile Acids.	0.75 mL of heparinized plasma, 0.5 mL of heparinized whole blood and 2 freshly prepared blood smears. 2 green top micro vials (with gel), green top micro vial (no gel) or 2 hematocrit tubes, slide holders.	1-2 days Performed each shift
AE055	**Avian Standard Profile with Bile Acid, EPH** Standard Avian Profile, Bile Acids Avian/ Exotic, and Avian Protein Electrophoresis.	0.75 mL of heparinized plasma, 0.5 mL of heparinized whole blood and 2 freshly prepared blood smears. 2 green top micro vials (with gel), green top micro vial (no gel) or 2 hematocrit tubes, slide holders.	1-3 days
S16012	**Avian Zinc Assay**	0.5 mL serum in yellow micro vial with gel.	5-7 days
AE270	**Avian/Exotic CBC** Includes WBC Estimate, Thrombocyte Estimate, Hematocrit, Blood Parasites, and Differential: Percent and Absolute Heterophils, Bands, Lymphocytes, Monocytes, Eosinophils, Basophils and Azurophilic Monocytes. **Interferences:** Marked hemolysis. EDTA whole blood is not preferred because it tends to cause hemolysis in reptiles and in some avian species.	0.5 mL of heparinized whole blood in green top tube with 2 freshly prepared blood smears.	24 hours Performed each shift
AE260	**Bile Acids Avian/Exotic** Single Bile Acids, Avian/Exotic **Interferences:** Marked hemolysis and lipemia. Ursodeoxycholic acid may be detected by bile acid assay, causing falsely elevated values.	0.5 mL serum in red top or serum separator tube.	1-2 days
S16671	**Chlamydia Antibody Titer IFA**	0.1 mL plasma in green top tube.	7-10 days

CODE	TEST NAME | DESCRIPTION | COMPONENTS	SPECIMEN	TAT*
S16788	**Chlamydia PCR Blood**	0.5 mL heparinized whole blood in green top tube.	7-10 business days
S16672	**Chlamydia PCR Swab**	**Avian**: Choanal/cloacal swab or swab from fresh feces in red top or other non-additive tube. **Feline & other species:** Corneal scraping, or eye/corneal swab in red top or other non-additive tube.	7-10 days
S85206	**Chlamydia Profile** *Chlamydophila* PCR Blood, *Chlamydophila* Antibody Titer IFA, *Chlamydophila* Titer EBA, *Chlamydophila* PCR Swab, *Chlamydophila* Titer EBA, and *Chlamydophila* PCR Swab.	0.4 mL heparinied whole blood, 0.4 mL serum, swab in red top tube (combined choanal and cloacal). Green micro vial (gel), Green microvial (no gel), Swab in white tube (combined choanal & cloacal)	7-14 days
S16670	**Chlamydia Titer EBA** Psittacosis	0.5 mL serum in serum separator tube.	7-14 days
AE030	**Comprehensive Avian Post Purchase** Avian Comprehensive Chemistries, *Chlamydophila* Titer EBA, *Giardia* ELISA, Gram Stain, Psittacine Beak and Feather Disease, Polyoma PCR Swab, Avian Protein Electrophoresis, and Avian/Exotic Complete Blood Count (CBC).	1.0 mL heparinized plasma, 1.0 mL heparinized whole blood, 0.5 grams of feces, and 2 fecal swabs. ANTECH™ provided fecal container, 3 green top micro vials (with gel), green top micro vial (whole blood), 2 hematocrit tubes, 2 slides, swabs in white tube (2 fecals).	1-10 days
AE020	**Comprehensive Avian Profile** Avian/Exotic Complete Blood Count (CBC), Avian Comprehensive Chemistries	0.5 mL of heparinized plasma, 0.5 mL of heparinized whole blood and 2 freshly prepared blood smears. Green top micro vial (with gel), green top micro vial (no gel) or 2 hematocrit tubes, slide holder.	24 hours Performed each shift
AE200	**Comprehensive Mammalian Profile** Complete Blood Count (CBC) Small Mammalian, Mammalian Comprehensive Chemistries	0.5 mL serum and 1.0 mL EDTA whole blood. Serum in red top or serum separator OR green top micro vial (with gel), lavender or green top vial (no gel).	24 hours Performed each shift
REREP	**Comprehensive Reptilian (Recheck)** Avian/Exotic Complete Blood Count (CBC), Reptilian Comprehensive Chemistries	0.5 mL of heparinized plasma, 0.5 mL of heparinized whole blood and 2 freshly prepared blood smears. Green top micro vial (with gel), green top micro vial (no gel) or 2 hematocrit tubes, slide holder.	24 hours Performed each shift

CODE	TEST NAME | DESCRIPTION | COMPONENTS	SPECIMEN	TAT*
AE160	**Comprehensive Reptilian Profile** Avian/Exotic Complete Blood Count (CBC), Reptilian Comprehensive Chemistries	0.5 mL of heparinized plasma, 0.5 mL of heparinized whole blood and 2 freshly prepared blood smears. Green top micro vial (with gel), green top micro vial (no gel) or 2 hematocrit tubes, slide holder.	24 hours Performed each shift
AE070	**Diarrhea Profile Avian** Comprehensive Avian Profile, Gram Stain, Culture, Aerobic Culture, and *Giardia* ELISA. **Interferences:** Marked hemolysis and lipemia.	0.5 mL heparinized plasma in green microtainer with gel, 0.5 mL of whole blood in green microtainer, 2 fecal slides, 0.5 grams of feces, and culturette. Green top micro vial (with gel), green top micro vial (no gel) or 2 hematocrit tubes, slide holder, culturette.	1-2 days
S16501	**Distemper PCR**	2.0 mL urine in urine transport tube, whole blood (EDTA) in lavender top tube, CSF OR other body cavity fluid in red top or lavender top.	5-9 days
S16107	**Distemper Titer-Virus Neutraliz.** Serum neutralization assay (SN) for detection of neutralizing antibodies to Canine Distemper Virus (CDV).	0.5 mL serum in red top or serum separator tube.	10-14 business days
S16877	***Encephalitozoon* Cuniculi IgG Ab** **Interferences:** Marked hemolysis.	0.1 mL serum in red top or other non-additive tube.	3-5 days
AE080	**Feather Picker Profile** Comprehensive Avian Profile, Culture (Aerobic), *Giardia* ELISA, Gram Stain, Psittacine Beak and Feather Disease, and Avian Protein Electrophoresis.	1.0 mL heparinized plasma in green microtainer with separator gel, 1.0 mL heparinized whole blood in green top tube, culturette, 2 fecal slides and 0.5 grams of feces. 2 green top micro vial (with gel), green top micro vial (whole blood) or 2 hematocrit tubes, slide holders, ANTECH™ provided fecal container, culturette.	1-7 days
AE230	**Geriatric Weak Ferret Profile** Mammalian Comprehensive Chemistries, Insulin Ferret, Urinalysis (UA), and Complete Blood Count (CBC) Small Mammalian.	1.0 mL serum, 1.0 mL EDTA whole blood, and 6.0 mL urine. Serum in red top or serum separator OR 2 green top micro vial (gel), lavender or green top vial (no gel), urine transport tube.	1-3 days
AE090	**Hepatic Profile** Comprehensive Avian Profile, Bile Acids Avian/Exotic, *Chlamydophila* Titer EBA, and Avian Protein Electrophoresis.	1.0 mL heparinized plasma (in green microtainer with gel separator) and 0.5 mL heparinized whole blood.	1-14 days

CODE	TEST NAME | DESCRIPTION | COMPONENTS	SPECIMEN	TAT*
AE190	**Mammalian Comprehensive Chemistries** Includes Total Protein, Albumin, Globulin, SGOT (AST), SGPT (ALT), Alk Phos, Total Bilirubin, Bun, Creatinine, Phosphorus, Glucose, Calcium, Sodium, Potassium, Chloride, Cholesterol, and CPK.	0.5 mL serum in red top or serum separator tube.	24 hours Performed each shift
AE210	**Mammalian Standard Chemistries** Includes Total Protein, SGPT (ALT), Alk Phos, Total Bilirubin, Bun, Creatinine, Phosphorus, Glucose, Calcium, Sodium, Potassium, Chloride	0.5 mL serum in red top or serum separator tube.	24 hours Performed each shift
AE060	**Mini Avian Post Purchase** Comprehensive Avian Profile, Gram Stain, Avian Protein Electrophoresis	0.75 mL heparinized plasma, 0.5 mL heparinized whole blood and fecal slides. Green top micro vial (with gel), green top micro vial (no gel) or 2 hematocrit tubes, slide holder, culturette.	1-3 days
S16789	***Mycoplasma* PCR**	Tissue (fresh, in non-additive tube with or without a few drops of saline, from the location of suspected infection) OR fluid (ocular, conjunctival, BAL, joint) OR nasal swab (dry, without culture media).	10-12 days
S16085	**Psittacine Beak and Feather Disease**	0.5 mL EDTA or heparinized whole blood in lavender or green top tube.	7-10 days
AE110	**PU/PD Profile** Avian Comprehensive Chemistries, Avian/ Exotic Complete Blood Count (CBC), Avian Protein Electrophoresis, and Urinalysis (UA)	0.5 mL heparinized plasma, 0.5 mL heparinized whole blood, and 1 mL urine. Green top micro vial (with gel), green top micro vial (no gel) or 2 hematocrit tubes, slide holder, urine transport tube	1-3 days
AE240	**Rabbit Neurologic Profile** Complete Blood Count (CBC) Small Mammalian, Mammalian Comprehensive Chemistries, *Encephalitozoon cuniculi* IgG Ab, Pasteurella Antibody Titer	1.0 mL serum or heparinized plasma and 1.0 mL EDTA whole blood. 3 green top micro vials (with gel), lavender top or green top vial (no gel)	1-10 days
RECHECKAV	**Recheck Comprehensive Avian** Avian/Exotic Complete Blood Count (CBC), Avian Comprehensive Chemistries	0.5 mL heparinized plasma and 0.5 mL heparinized whole blood. Green top micro top vial (gel), green top micro vial (no gel) or 2 hematocrit tubes, slide holders	24 hours
AE150	**Reptilian Comprehensive Chemistries** Total Protein, Albumin, Globulin, SGOT (AST), Bun, Phosphorus, Glucose, Calcium, Sodium, Potassium, Chloride, CPK, and Uric Acid Includes Total Protein, Albumin, Globulin, SGOT (AST), Bun, Phosphorus, Glucose, Calcium, Sodium, Potassium, Chloride, CPK, and Uric Acid. **Interferences:** Marked hemolysis and lipemia.	0.5 mL heparinized plasma in green microvial (with gel).	24 hours Performed each shift

CODE	TEST NAME | DESCRIPTION | COMPONENTS	SPECIMEN	TAT*
AE170	**Reptilian Standard Chemistries** Total Protein, SGOT (AST), Phosphorus, Glucose, Calcium, CPK, and Uric Acid Includes Total Protein, SGOT (AST), Phosphorus, Glucose, Calcium, Sodium, Potassium, Chloride, CPK, and Uric Acid **Interferences:** Marked hemolysis and lipemia.	0.5 mL serum in red top or serum separator tube or green top microvial (with gel).	24 hours Performed each shift
AE050	**Standard Avian Profile** Avian/Exotic CBC, Avian Standard Chemistries **Interferences:** Marked hemolysis and lipemia.	0.5 mL heparinized plasma and 0.5 mL heparinized whole blood. Green top micro vial (gel), 1 green top vial (no gel) or 2 hematocrit tubes with 2 slides	24 hours
AE220	**Standard Mammalian Profile** Complete Blood Count (CBC) Small Mammalian, Mammalian Standard Chemistries **Interferences:** Marked hemolysis and lipemia.	0.5 mL serum and 1.0 mL of whole blood. Serum in red top or serum separator OR green micro vial (gel), lavender or green vial (no gel)	24 hours
AE180	**Standard Reptilian Profile** Avian/Exotic CBC, Reptilian Standard Chemistries **Interferences:** Marked hemolysis and lipemia.	0.5 mL heparinized plasma and 0.5 mL heparinized whole blood. Green top micro vial (with gel), 1 green top vial (no gel) or 2 hematocrit tubes, slide holder	24 hours
S16792	***Toxoplasma* antibody - Exotics**	1.0 mL serum in red top or serum separator tube.	7-14 days
S85448	**West Nile Titer (PRNT & IgM ELISA)**	1.0 mL serum in red top or serum separator tube (mammals) OR 0.1 mL heparinized plasma (avians).	7-14 days
S85449	**West Nile Virus PCR**	Equine: 1.0 mL EDTA whole blood in lavender top tube, CSF, brain or spinal cord. Avian: Kidney in sterile container, EDTA or heparinized whole blood, or tissue (brain or heart). Other Mammals: EDTA whole blood, CSF, brain or spinal cord.	5-9 days
S16095	**Zoogen Avian DNA Sexing**	Blood spot on ASEX TRF. 0.3 mL EDTA whole blood in lavender top tube or heparinized whole blood in green top tube or green top micro vial, heparinized hematocrit tube (1/3rd full), or egg shell (with blood membranes attached). Feathers are acceptable, but the DNA extraction rate is low.	3-6 days

Equine • Large Animal Essential Panels

	Equine Chemistry **L010** PAGE 135	Equine Performance Horse Chemistry **L601** PAGE 135	Equine Hepatic Screen **L225** PAGE 136	Equine Renal Screen **L240** PAGE 137	Ruminent Chemistry **L1001** PAGE 152
A/G Ratio	●	●			●
Albumin	●	●	●	●	●
Alkaline Phosphatase	●	●	●		●
AST (SGOT)	●	●	●		●
BUN	●	●	●	●	●
BUN/Creatinine Ratio	●	●			●
Calcium	●			●	●
Chloride	●	●	●	●	●
Cholesterol	●				●
CPK	●	●			●
Creatinine	●	●		●	●
Direct Bilirubin	●		●		●
GGT	●	●	●		●
Globulin	●	●	●		●
Glucose	●			●	●
LDH	●		●		●
Indirect Bilirubin			●		
Magnesium					●
NA/K Ratio	●				●
Phosphorus	●			●	●
Potassium	●	●	●	●	●
Sodium	●	●	●	●	●
Total Bilirubin	●		●		●
Total Protein	●	●	●	●	●
Triglyceride	●				●

Equine

CODE	TEST NAME | DESCRIPTION | COMPONENTS	SPECIMEN	TAT*
	EQUINE HEALTH PROGRAM (EHP)		
L510	**Equine Health Program** Equine Chemistry with a Complete Blood Count (CBC), Fibrinogen, EIA (AGID), and FEC (MST)	2.0 mL serum, 1.0 mL EDTA whole blood, 10 grams feces, with or without 0.5 mL citrated plasma (preferred for Fibrinogen).	1-4 days
L510E	**Equine Health Program GVL** Equine Chemistry with a Complete Blood Count (CBC), Fibrinogen, EIA (AGID) by GVL, and FEC (MST).	2.0 mL serum, 1.0 mL EDTA whole blood, 10 grams feces, with or without 0.5 mL citrated plasma (preferred for Fibrinogen).	1-4 days
L510NE	**Equine Health Program (No EIA)** Equine Chemistry with a Complete Blood Count (CBC), Fibrinogen, and FEC (MST).	1.0 mL serum, 1.0 mL EDTA whole blood, 10 grams feces, with or without 0.5 mL citrated plasma (preferred for Fibrinogen).	1-2 days
L511	**Equine Health Program (ELISA)** Equine Chemistry with a Complete Blood Count (CBC), Fibrinogen, EIA (ELISA), and FEC (MST).	2.0 mL serum, 1.0 mL EDTA whole blood, 10 grams feces, with or without 0.5 mL citrated plasma (preferred for Fibrinogen).	1-3 days
L511E	**Equine Heath Program GVL (ELISA)** Equine Chemistry with a Complete Blood Count (CBC), Fibrinogen, EIA (ELISA) by GVL, and FEC (MST).	2.0 mL serum, 1.0 mL EDTA whole blood, 10 grams feces, with or without 0.5 mL citrated plasma (preferred for Fibrinogen).	1-3 days
L610	**Equine Performance Horse Health Program** Equine Performance Horse chemistry with a Complete Blood Count (CBC), Fibrinogen, EIA (AGID), and FEC (MST).	2.0 mL serum, 1.0 mL EDTA whole blood, 10 grams feces, with or without 0.5 mL citrated plasma (preferred for Fibrinogen).	1-4 days
L610E	**Equine Performance Horse Health Program GVL** Equine Performance Horse chemistry with a Complete Blood Count (CBC), Fibrinogen, EIA (AGID) by GVL, and FEC (MST).	2.0 mL serum, 1.0 mL EDTA whole blood, 10 grams feces, with or without 0.5 mL citrated plasma (preferred for Fibrinogen).	1-4 days
L610NE	**Equine Performance Horse Health Program (No EIA)** Equine Performance Horse chemistry with a Complete Blood Count (CBC), Fibrinogen, and FEC (MST).	1.0 mL serum, 1.0 mL EDTA whole blood, 10 grams feces, with or without 0.5 mL citrated plasma (preferred for Fibrinogen).	1-2 days
L615	**Equine Senior Health Program** Equine Chemistry with a Complete Blood Count (CBC), Fibrinogen, ACTH Endogenous (Equine), Insulin (Equine), EIA (AGID), and FEC (MST). See **L525, page 140** and **T470E, page 141** for additional drawing instructions.	3.0 mL serum, 1.0 mL EDTA whole blood, 10 grams feces, 1.0 mL EDTA plasma (Label accordingly), with or without 0.5 mL citrated plasma (preferred for Fibrinogen).	1-4 days
L615E	**Equine Senior Health Program GVL** Equine Chemistry with a Complete Blood Count (CBC), Fibrinogen, ACTH Endogenous (Equine), Insulin (Equine), EIA (AGID) by GVL, and FEC (MST). See **L525, page 140** and **T470E, page 141** for additional drawing instructions.	3.0 mL serum, 1.0 mL EDTA whole blood, 10 grams feces, 1.0 mL EDTA plasma (Label accordingly), with or without 0.5 mL citrated plasma (preferred for Fibrinogen).	1-4 days

CODE	TEST NAME | DESCRIPTION | COMPONENTS	SPECIMEN	TAT*
L615NE	**Equine Senior Health Program (No EIA)** Equine Chemistry with a Complete Blood Count (CBC), Fibrinogen, ACTH Endogenous (Equine), Insulin (Equine), and FEC (MST). See **L525, page 140** and **T470E, page 141** for additional drawing instructions.	2.0 mL serum, 1.0 mL EDTA whole blood, 10 grams feces, 1.0 mL EDTA plasma (Label accordingly), with or without 0.5 mL citrated plasma (preferred for Fibrinogen).	1-3 days
L615T	**Equine Senior Health Program with TRH** Equine Chemistry with a Complete Blood Count (CBC), Fibrinogen, ACTH TRH Stim Pre and Post (Equine), Insulin (Equine), EIA (AGID), and FEC (MST). See **L535, page 140** and **T470E, page 141** for additional drawing instructions.	3.0 mL serum, 1.0 mL EDTA whole blood, 10 grams feces, 1.0 mL PRE EDTA plasma, 1.0 mL POST EDTA plasma (Label both accordingly), with or without 0.5 mL citrated plasma (preferred for Fibrinogen).	1-4 days
L110	**Equine Infectious Anemia (EIA) AGID** **Interferences:** Gross hemolysis. **Note:** • Equine Infectious Anemia (EIA) testing submission must be accompanied by the currently accepted Federal VS 10-11 FEB 2018 or later official form. • All blocks of the official form must be completed. • Signed by the submitting veterinarian with a current Federal Category II Accreditation number. • Sample tube labeling must match official form by either horse's name or tube number EXACTLY.	1.0 mL serum in red top or serum separator tube.	2-3 days
L111	**Equine Infectious Anemia (EIA) AGID by GVL** **Interferences:** Gross hemolysis. **Note:** Sample tube labeling must match official form by either horse's name or tube number EXACTLY.	1.0 mL serum in red top or serum separator tube.	2-3 days
L120	**Equine Infectious Anemia (EIA) ELISA** **Interferences:** Gross hemolysis. **Note:** • Equine Infectious Anemia (EIA) testing submission must be accompanied by the currently accepted Federal VS 10-11 FEB 2018 or later official form. • All blocks of the official form must be completed. • Signed by the submitting veterinarian with a current Federal Category II Accreditation number. • Sample tube labeling must match official form by either horse's name or tube number EXACTLY.	1.0 mL serum in red top or serum separator tube.	1-3 days
L121	**Equine Infectious Anemia (EIA) ELISA by GVL** **Interferences:** Gross hemolysis. **Note:** Sample tube labeling must match official form by either horse's name or tube number EXACTLY.	1.0 mL serum in red top or serum separator tube.	1-3 days

CODE	TEST NAME | DESCRIPTION | COMPONENTS	SPECIMEN	TAT*
	CBC AND CHEMISTRY		
T332	**Complete Blood Count (CBC) and Fibrinogen** **Interferences:** Marked hemolysis and lipemia.	1.0 mL EDTA whole blood with or without 0.5 mL citrated plasma (preferred for Fibrinogen).	24 hours Performed each shift
L365	**Fibrinogen Quantitative** This test is used to measure the concentration of functional fibrinogen in the plasma. **Interferences:** Clotted sample precludes analysis. Citrated whole blood (blue top tube) or citrated plasma is the only acceptable sample. The tube should be greater than 2/3rds filled. If submitting separated citrated plasma, label it as "Citrated Plasma."	0.5 mL citrated plasma collected as whole blood in blue top tube at least 2/3rds full to the fill line.	24 hours
L070	**Equine Inflammatory Profile** Complete Blood Count (CBC), Fibrinogen, and Plasma Protein. **Interferences:** Marked hemolysis and lipemia.	1.0 mL EDTA whole blood with or without 0.5 mL citrated plasma (preferred for Fibrinogen).	1-2 days
T415 **Add-on Equivalent ADD290**	**PT and aPTT** Prothrombin Time and Activated Partial Thromboplastin Time Prothrombin time measures the integrity of the extrinsic and common components of the coagulation cascade. Partial Thromboplastin Time (PTT) measures the integrity of the intrinsic and common components of the coagulation cascade. **Interferences:** Marked hemolysis and lipemia. Partially full blue top tube may falsely increase sample's coagulation time. **Note:** Clotting of the sample may preclude the analysis. The blue top tube needs to be filled to 2/3 or more of its capacity. Partially full blue top tubes may falsely increase the coagulation times.	0.5 mL citrated plasma collected as whole blood in blue top tube at least 2/3rds full to the fille line.	24 hours Performed each shift
L010	**Equine Chemistry** Total Protein, Albumin, Globulin, A/G Ratio, AST (SGOT), Alk Phos, GGT, Total Bilirubin, *D.* Bilirubin, BUN, Creatinine, BUN/Creatinine Ratio, Phosphorus, Glucose, Calcium, Sodium, Potassium, NA/K Ratio, Chloride, Cholesterol, Triglyceride, CPK, and LDH. Panel is recommended for all large animal patients except for Bovine (use code **L1001, page 152**). **Sample Handling:** Serum separator samples should be spun prior to submission. Red top tubes should be spun and serum transferred to a non-additive tube and marked as SERUM. If the serum is not separated from the red blood cells, chemistry values can be affected.	0.5 mL serum in red top or serum separator tube.	24 hours Performed each shift
L601	**Equine Performance Horse Chemistry** Total Protein, Albumin, Globulin, A/G Ratio, AST (SGOT), Alk Phos, GGT, BUN, Creatinine, BUN/Creatinine Ratio, Sodium, Potassium, Chloride, and CPK. **Sample Handling:** Serum separator samples should be spun prior to submission. Red top tubes should be spun and serum transferred to a non-additive tube and marked as SERUM. If the serum is not separated from the red blood cells, chemistry values can be affected.	0.5 mL serum in red top or serum separator tube.	24 hours Performed each shift
L050	**Equine Chemistry, CBC**	0.5 mL serum and 1.0 mL EDTA whole blood.	24 hours

CODE	TEST NAME | DESCRIPTION | COMPONENTS	SPECIMEN	TAT*
L040	**Equine Chemistry, CBC, Fib** Recommended for all large animal patients except for Bovine (use code **L080, page 152**).	0.5 mL serum, 1.0 mL EDTA whole blood, with or without 0.5 mL citrated plasma (preferred for Fibrinogen).	24 hours
L040R	**Equine Chemistry, CBC, Fib (Recheck)** **Note:** Resubmission must be within 30 days of original accession and previous accession number must be referenced on the new request form.	0.5 mL serum, 1.0 mL EDTA whole blood, with or without 0.5 mL citrated plasma (preferred for Fibrinogen).	24 hours
L640	**Equine Performance Horse Panel** Equine Performance Horse chemistry with a Complete Blood Count (CBC) and Fibrinogen.	1.0 mL serum, 1.0 mL EDTA whole blood, with or without 0.5 mL citrated plasma (preferred for Fibrinogen).	24 hours
L565	**Equine Chemistry with a Complete Blood Count (CBC), Fib, T4, and fT4 (ED)** **Interferences:** T4 evaluation can be affected in a hemolyzed or moderately lipemic sample. Lipemia can falsely decrease T4 results.	2.0 mL serum, 1.0 mL EDTA whole blood, with or without 0.5 mL citrated plasma (preferred for Fibrinogen).	1-4 days
L035	**Equine Chemistry with a Complete Blood Count (CBC), Fib, and fT4(ED)**	1.5 mL serum, 1.0 mL EDTA whole blood, with or without 0.5 mL citrated plasma (preferred for Fibrinogen).	1-4 days
L030	**Equine Chemistry with a Complete Blood Count (CBC), Fib, and T4** **Interferences:** T4 evaluation can be affected in a hemolyzed or moderately lipemic sample. Lipemia can falsely decrease T4 results.	0.5 mL serum, 1.0 mL EDTA whole blood, with or without 0.5 mL citrated plasma (preferred for Fibrinogen).	24 hours
L290	**Neonatal Foal Panel** Equine Chemistry with a Complete Blood Count (CBC), Fibrinogen, and Equine IgG Total.	1.0 mL serum, 1.0 mL EDTA whole blood, with or without 0.5 mL citrated plasma (preferred for Fibrinogen).	1-3 days
L090	**Equine IgG Total** **Note:** IgG testing is species specific (see Large Animal Section for all non-equine species). Methodology: Immunoturbidimetric method. IgG is generally used to assess immunoglobulin concentration and passive transfer of immunity in foals or immunoglobulin status in adult horses. This test is species specific for horses.	0.5 mL serum **OR** 1.0 mL EDTA plasma.	1-2 days
L225	**Equine Hepatic Screen** Total Protein, Albumin, Globulin, AST (SGOT), Alk Phos, GGT, Total Bilirubin, *D.* Bilirubin, I. Bilirubin, BUN, Sodium, Potassium, Chloride, and LDH.	0.5 mL serum in red top or serum separator tube.	24 hours Performed each shift
L230	**Equine Hepatic Panel** Equine Hepatic Screen and Bile Acids.	1.0 mL serum in red top or serum separator tube.	1-2 days
T225	**Bile Acids** **Interferences:** Marked hemolysis and lipemia.	0.5 mL serum in red top or serum separator tube.	1-2 days
L1025	**Equine Hepatic Profile** Equine Hepatic Screen, Bile Acids, and SDH. See **T250, page 137** for additional drawing instructions.	1.5 mL serum **AND** 0.5 mL serum (cold or frozen) for SDH testing.	1-2 days

CODE	TEST NAME | DESCRIPTION | COMPONENTS	SPECIMEN	TAT*
T250	**Sorbital Dehydrogenase (SDH)** **Note:** Submit sample within 24 hours of draw.	0.5 mL serum (cold or frozen).	1-2 days
L240	**Equine Renal Screen** Total Protein, Albumin, BUN, Creatinine, Phosphorus, Glucose, Calcium, Sodium, Potassium, and Chloride. **Sample Handling:** Serum separator samples should be spun prior to submission. Red top tubes should be spun and serum transferred to a non-additive tube and marked as SERUM. If the serum is not separated from the red blood cells, chemistry values can be affected.	0.5 mL serum in red top or serum separator tube.	24 hours Performed each shift
L275	**Equine Muscle Enzyme Screen** AST (SGOT) and CPK. **Sample Handling:** Serum separator samples should be spun prior to submission. Red top tubes should be spun and serum transferred to a non-additive tube and marked as SERUM. If the serum is not separated from the red blood cells, chemistry values can be affected.	0.5 mL serum in red top or serum separator tube.	24 hours Performed each shift
L280	**Equine Muscle Enzyme Screen, CBC, Fib** Complete Blood Count (CBC), AST (SGOT), CPK, and Fibrinogen.	1.0 mL serum, 1.0 mL EDTA whole blood, with or without 0.5 mL citrated plasma (preferred for Fibrinogen).	24 hours
L190	**Equine Rhabdomyolysis Screen** AST (SGOT), BUN, Creatinine, Phosphorus, Calcium, Sodium, Potassium, Chloride, CPK, and LDH. **Sample Handling:** Serum separator samples should be spun prior to submission. Red top tubes should be spun and serum transferred to a non-additive tube and marked as SERUM. If the serum is not separated from the red blood cells, chemistry values can be affected.	0.5 mL serum in red top or serum separator tube.	24 hours Performed each shift
T240 **Add-on Equivalent ADD130**	**Protein Electrophoresis (Serum)** Total protein, Albumin, Globulin, Alpha 1, Alpha 2, Beta 1, and Gamma 1 fractional assessment with interpretation. An evaluation of the globulin fraction of the serum (Alpha 1, Alpha 2, Beta, and Gamma) to determine if the globulin fraction is monoclonal based on these components. **Interferences:** Marked hemolysis and lipemia.	0.5 mL serum in red top or serum separator tube.	2-4 days

CODE	TEST NAME | DESCRIPTION | COMPONENTS	SPECIMEN	TAT*
S1680	**Equine Pre-Purchase Drug Screen** Drug Screen (performed at TVMDL) includes the following: **Corticosteroids (LC/MS):** Betamethasone, dexamethasone, methylprednisolone, prednisolone, prednisone and triamcinolone acetonide. **NSAIDs:** Acetaminophen, acetylsalicylic acid, carprofen, celcoxib, deracoxib, diclofenac, diflunisal, eltenac, ethacrynic acid, etodolac, fenbufen, fenoprofen, firocoxib, flufenamic acid, flunixin, flurbiprofen, ibuprofen, indomethacin, indoprofen, ketoprofen, ketorolac, meclofenamic acid, mefanamic acid, meloxicam, nabumetone, naproxen, oxyphenbutazone, phenylbutazone, piroxicam, salicylic acid, tenoxicam, tolfenamic acid and tolmetin. **Tranquilizers:** Acepromazine, detomidine, fluphenazine, fluoxetine, guanabenz, reserpine, romifidine, trazodone, and xylazine. **Muscle Relaxant:** Methocarbamol. **Methodology:** Liquid chromatography/mass spectrometry. **Note:** Urine is the preferred specimen but serum or plasma is acceptable.	10 mL urine (preferred) in urine transport tube, 5.0 mL serum (acceptable) in red top or serum separator tube, **OR** 5 mL plasma (acceptable). Label sample(s) accordingly as URINE, SERUM, or PLASMA.	7-10 days
	URINE		
T760 **Add-on Equivalent ADD220** **Recheck T760R**	**Urinalysis (UA) - Complete** The complete Urinalysis (UA) includes a physical (clarity, color, USG), chemical (bilirubin, glucose, ketones, occult blood, pH, protein), and microscopic (bacteria, casts, crystlas, fat droplets, RBC, transitional and squamous epithelial cells, WBC) exam of the urine. **Interferences:** Visible levels of hemolysis, drugs containing dyes, nitrofurantoin, or riboflavin.	6.0 mL urine in urine transport tube.	24 hours Performed each shift
L340	**Fractional Excretion of Electrolytes** **Serum:** Calcium, Chloride, Creatinine, Phosphorus, Sodium, and Potassium. **Urine:** Calcium, Chloride, Creatinine, Phosphorus, Sodium, and Potassium. **Note:** Serum and urine **MUST** be drawn and submitted **TOGETHER**.	1.0 mL serum in red top or serum separator tube **AND** 1.0 mL urine in urine transport tube (label samples accordingly as URINE or SERUM).	24 hours
	FECAL		
T826	**FEC: Modified Stoll's Technique (MST)** *Strongyle* sp. and *Parascaris* sp. ova (EPG) performed by Modified Stoll's Technique and qualitative ID of all other parasites. **Note:** Lowest detection limit is **2 EPG**.	10 grams of feces in ANTECH™ provided fecal container (refrigerate and tested within 72 hours of collection).	1-2 days
T828	**FEC: McMasters Method (Large Animal)** *Strongyle* sp. and *Parascaris* sp. ova (EPG) performed by McMaster's Method (MM) and qualitative ID of all other parasites. **Note:** Lowest detection limit is **100 EPG**.	10 grams of feces in ANTECH™ provided fecal container (refrigerate and tested within 72 hours of collection).	1-2 days
L86181	***Clostridium difficile* Toxins A/B** *See **L950, page 144** Equine Gastrointestinal PCR Panel for additional testing options.	5 grams of feces in ANTECH™ provided fecal container.	1-2 days

CODE	TEST NAME | DESCRIPTION | COMPONENTS	SPECIMEN	TAT*
T16007	***Clostridium perfringens* enterotoxin** *See **L950, page 144** Equine Gastrointestinal PCR Panel for additional testing options.	5 grams of feces (send on ice) in ANTECH™ provided fecal container.	1-2 days
M160	**Culture, Feces** *See **L950, page 144** Equine Gastrointestinal PCR Panel for additional testing options. Culture specifically evaluates for *Salmonella*, *Shigella* and *Campylobacter* spp. Fecal PCR testing is more sensitive and tests for a broader array of potential pathogens.	Fecal culturette or 5 grams of feces in ANTECH™ provided fecal container.	3-4 days Preliminary report every 24 hours. Final report available in 72 hours.
M121	**Culture, *Salmonella*** **Note:** Negative *Salmonella* spp. culture result does not rule out *Salmonella* spp. Five-day serial submissions are recommended.	5 grams of feces in ANTECH™ provided fecal container (samples may be collected a minimum of 12 hours apart but should be submitted within 48 hours of collection).	3-4 days Preliminary report every 24 hours. Final report available in 72 hours.
L496	**Acute Diarrhea Panel** Fecal Culture, *Clostridium perfringens* enterotoxin, *Clostridium difficile* toxins A/*B*.	10 grams of feces in ANTECH™ provided fecal container.	2-4 days
L492	**Foal Diarrhea Panel** FEC (MST), Fecal Culture, *Clostridium perfringens* enterotoxin, and *Clostridium difficile* toxins A/*B*.	10 grams of feces in ANTECH™ provided fecal container.	2-4 days
L420	**Chronic Diarrhea Panel** Equine Chemistry with a Complete Blood Count (CBC), Fibrinogen, FEC (MST), Fecal Culture, *Clostridium perfringens* enterotoxin, and *Clostridium difficile* toxins A/*B*.	1.0 mL serum, 1.0 mL EDTA whole blood, 10 grams feces, with or without 0.5 mL citrated plasma (preferred for Fibrinogen).	1-4 days
	ENDOCRINOLOGY		
T495 **Add-on Equivalent ADD190**	**T4** **Interferences:** Marked hemolysis and moderate to marked lipemia. Lipemia can falsely decrease T4 results.	0.5 mL serum in red top or serum separator tube.	24 hours Performed each shift
T460 **Add-on Equivalent ADD50**	**Free T4 by Equilibrium Dialysis** **Note:** This test should NOT be performed as an add-on to samples older than 5 days.	0.5 mL serum in red top or serum separator tube.	2-3 days
SA370	**Thyroid Profile 2** Total T4 and Free T4 by Equilibrium Dialysis **Interferences:** T4 evaluation can be affected in a hemolyzed or moderately lipemic sample. Lipemia can falsely decrease T4 results.	1.0 mL serum in red top or serum separator tube.	1-3 days

CODE	TEST NAME | DESCRIPTION | COMPONENTS	SPECIMEN	TAT*
L590	**TRH Stimulation for Thyroid Function** T3 (Baseline), T4 (Baseline), T3 (2-hr Post TRH), T4 (4-hr Post TRH) **Sample Handling:** • Draw baseline serum sample. • Administer 1 mg of TRH IV. • Draw 2-hour post serum sample. • Draw 4-hour post serum sample.	0.5 mL PRE serum, 0.5 mL 2-hr POST serum, 4-hr POST serum (label accordingly).	1-2 days
L500	**Pituitary Pars Intermedia Dysfunction (PPID) Monitoring Panel** Equine Chemistry with a Complete Blood Count (CBC), Fibrinogen, ACTH Endogenous (Equine), Insulin (Equine), and T4. See **L525, page 140** and **T470E, page 141** for additional drawing instructions. **Interferences:** T4 evaluation can be affected in a hemolyzed or moderately lipemic sample. Lipemia can falsely decrease T4 results.	1.0 mL serum, 1.0 mL EDTA whole blood, 1.0 mL EDTA plasma (label accordingly), with or without 0.5 mL citrated plasma (preferred for Fibrinogen).	1-2 days
L500TRH	**Pituitary Pars Intermedia Dysfunction (PPID) Monitoring Panel with ACTH TRH Stim** Equine Chemistry with Complete Blood Count (CBC), Fibrinogen, ACTH TRH Stim Pre and Post (Equine), Insulin (Equine), and T4. See **L535, page 140** and **T470E, page 141** for additional drawing instructions. **Interferences:** T4 evaluation can be affected in a hemolyzed or moderately lipemic sample. Lipemia can falsely decrease T4 results.	1.0 mL serum, 1.0 mL EDTA whole blood, 1.0 mL EDTA PRE plasma, 1.0 mL EDTA POST plasma (label both accordingly), with or without 0.5 mL citrated plasma (preferred for Fibrinogen).	1-2 days
L560	**Pituitary Pars Intermedia Dysfunction (PPID) Monitoring Panel with fT4 (ED)** Equine Chemistry with a Complete Blood Count (CBC), Fibrinogen, ACTH Endogenous (Equine), Insulin (Equine), T4, and Free T4 by Equilibrium Dialysis. See **L525, page 140** and **T470E, page 141** for additional drawing instructions. **Interferences:** T4 evaluation can be affected in a hemolyzed or moderately lipemic sample. Lipemia can falsely decrease T4 results.	2.0 mL serum, 1.0 mL EDTA whole blood, 1.0 mL EDTA plasma (label accordingly), with or without 0.5 mL citrated plasma (preferred for Fibrinogen).	1-3 days
L525	**ACTH Endogenous (Equine)** **Sample Handling:** • 12-hour fast with one flake of hay left in the stall • Draw sample with EDTA whole blood • Spin and transfer plasma to non-additive tube (lab will not run on whole blood) • Send on ice	1.0 mL EDTA plasma in non-additive transport tube (labeled as EDTA plasma).	1-2 days
L535	**ACTH TRH Stim Pre and Post (Equine)** Recommended if results from L525 were previously normal but disease is still strongly suspected. See **L525, page 140** and **L525P, page 141** for additional drawing instructions.	1.0 mL PRE EDTA plasma **AND** 1.0 mL POST EDTA plasma (label **BOTH** accordingly).	1-2 days

CODE	TEST NAME | DESCRIPTION | COMPONENTS	SPECIMEN	TAT*
L538	**ACTH TRH Stim Pre and 2 Post (Equine)** ACTH Endogenous Pre (Equine), ACTH TRH Stim 10 min Post (Equine), and ACTH TRH Stim 30 min Post (Equine). **Sample Handling:** • 12-hour fast with one flake of hay left in the stall. • Administer **1 mg** of TRH. • Draw sample at 10 min post with EDTA whole blood tube. • Draw sample at 30 min post with EDTA whole blood tube. • Centrifuge and draw off plasma. Transfer plasma to a non-additive tube and label as plasma. Lab will not run sample on whole blood. • Send on ice.	1.0 mL PRE EDTA plasma, 1.0 mL 10-min POST, **AND** 1.0 mL 30-min POST EDTA plasma (label all accordingly).	1-2 days
L525P	**ACTH TRH Stim Post (Equine)** **Sample Handling:** • 12-hour fast with one flake of hay left in the stall • Administer 1 mg of TRH • Draw sample at exactly **10 min post** with EDTA whole blood • Spin and transfer plasma (lab will not run on whole blood) • Send on ice	1.0 mL POST EDTA plasma in non-additive transport tube (label accordingly).	1-2 days
L580	**ACTH TRH Stim Pre and Post, Insulin, Glucose (Equine)** See **L535, page 140** and **T470E, page 141** for additional drawing instructions.	1.0 mL serum in red top or spun serum separator tube, 1.0 mL PRE EDTA plasma and 1.0 mL POST EDTA plasma (label **ALL** accordingly).	1-2 days
L540	**ACTH Endogenous, Insulin, Glucose (Equine)** See **L525, page 140** and **T470E, page 141** for additional drawing instructions.	0.5 mL serum **AND** 1.0 mL EDTA plasma (label **BOTH** accordingly).	1-2 days
L575	**ACTH Endogenous, Insulin, Glucose, Leptin (Equine)** See **L525, page 140** and **T470E, page 141** for additional drawing instructions.	0.5 mL serum, 2.0 mL serum (send on ice), **AND** 1.0 ml EDTA plasma (label **ALL** accordingly).	1-10 days
T470E	**Insulin, Glucose (Equine)** Baseline (fasted) sample **Sample Handling:** • 12-hour fast with one flake of hay left in the stall overnight **OR** a 6 hour fast prior to blood draw • Draw PRE sample in non-additive tube or serum separator tube and spin **Note:** If baseline insulin results are normal but insulin dysregulation (ID) is strongly suspected, dynamic testing such as an Oral Sugar Test (OST) is recommended. See code **L545, page 142**.	0.5 mL serum in red top or spun serum separator tube (label accordingly).	1-2 days
T470ET	**Insulin, Glucose, Triglycerides (Equine)** See **T470E, page 141** for additional drawing instructions.	1.0 mL serum in red top or spun serum separator tube (label accordingly).	1-2 days

CODE	TEST NAME | DESCRIPTION | COMPONENTS	SPECIMEN	TAT*
T470EP	**Insulin, Glucose Post-prandial (Equine)** Testing insulin in a **fed state** when insulin dysregulation (ID) is either suspected or has been confirmed with baseline testing or OST. This allows for testing of the current diet to determine if it is appropriate or dietary modification is needed. **Sample Handling:** • 3-hour fast followed by **feed diet for testing purposes** (indicate diet given on the form). • Draw sample at **60-90 min post feed** in non-additive tube or serum separator tube and spin.	1.0 mL POST serum in red top or serum separator tube (label accordingly).	1-2 days
T470EPP	**Insulin, Glucose Pre and Post-prandial (Equine)** Testing insulin in BOTH a **fasted** and a **fed state** when insulin dysregulation (ID) is either suspected or has been confirmed with baseline testing or OST. This allows for both baseline insulin testing and testing the current diet to determine if it is appropriate or dietary modification is needed. **Sample Handling:** • 3-hour fast. • Draw sample in non-additive tube or serum separator tube and spin. • **Feed diet for testing purposes** (indicate diet given on the form). • Draw sample at **60-90 min post feed** in non-additive tube or serum separator tube and spin.	1.0 mL **PRE** serum **AND** 1.0 mL POST serum (label **BOTH** accordingly).	1-2 days
L545	**Oral Sugar Test Pre and Post** Insulin, Glucose (Equine) and Insulin, and Glucose Post Syrup (Equine). Assessment of both baseline insulin and the insulin response to a standard volume of ingested sugars for a diagnosis of Insulin Dysregulation (ID). **Sample Handling:** • 12-hour fast with one flake of hay left in the stall. • Draw sample in non-additive tube or serum separator tube and spin. • Administer **0.15 mL/kg or 0.45 mL/kg light corn syrup** (see EEG guidelines). • Draw sample at **60-90 min** in non-additive tube or serum separator tube and spin.	1.0 mL PRE serum **AND** 1.0 mL **POST** serum (label **BOTH** accordingly).	1-2 days
L545P	**Oral Sugar Test Post** Insulin, Glucose Post Syrup (Equine). Assessment of the insulin response to a standard volume of ingested sugars for a diagnosis of Insulin Dysregulation (ID). No pre sample (baseline). **Sample Handling:** • 12-hour fast with one flake of hay left in the stall. • Administer **0.15 mL/kg or 0.45 mL/kg light corn syrup** (see EEG guidelines). • Draw sample at **60-90 min** in non-additive tube or serum separator tube and spin.	1.0 mL POST serum (label accordingly).	1-2 days

CODE	TEST NAME | DESCRIPTION | COMPONENTS	SPECIMEN	TAT*
S14402	**Leptin (Equine)**	2.0 mL serum in red top or other plain, non-additive tube (send on ice).	7-9 days
S14464	**Adiponectin (Equine)** Adiponectin is a key regulator of glucose and lipid metabolism and has insulin sensitizing, anti-inflammatory and antioxidant effects. Unlike leptin, low adiponectin is strongly associated with insulin dysregulation and laminitis risk (not just obesity). Stress/feed/grain access prior to sampling do not impact adiponectin values and therefore may be a more reliable indicator of metabolic status and laminitis risk than single insulin measurements in some cases.	1.0 mL serum in red top or serum separator tube.	3-5 days
	NEUROLOGY		
S14388	**EPM SAG 2,4/3 ELISA** Detection of the surface antigen proteins 2,4/3 in the serum or CSF. This test identifies exposure to *S. neurona* and does not confirm active disease. There is no correlation with the level of the titer and the likelihood of disease. A serum to CSF titer ratio is recommended for more definitive diagnosis (see test code 14390). A negative test result makes EPM an unlikely cause of disease. **Note:** If submitting both serum and CSF use test code S14390 for the serum ELISA and serum to CSF ratio. Clearly mark samples as serum and CSF.	1.0 mL serum in red top or serum separator OR 1.0 mL CSF in non-additive tube (label accordingly).	3-5 days
S14390	**EPM SAG 2,4/3 ELISA Serum/CSF Ratio** **Note:** Both serum **AND** CSF **MUST** be submitted together. This test is used to identify intrathecal production of antibody as an indication of active disease within the CNS. The specific antibody index is performed by utilizing a ratio of serum and CSF albumin to eliminate the effect of blood crossing into the CNS vs intrathecal antibody production.	1.0 mL serum in red top or serum separator **AND** 1.0 mL CSF in non-additive tube (label **BOTH** accordingly).	3-5 days
S14392	**EPM SAG 2,4/3 ELISA, N *hughesi* ELISA** This tests for exposure of both *S. neurona* and *Neospora hughesi* as causative agents for EPM. This is an antibody test for exposure and not confirmation of active disease. **Note:** If submitting both serum and CSF, should be submitted separately as different requests in different bags.	1.0 mL serum **OR** 1.0 mL CSF in non-additive tube (label accordingly).	4-8 days
S14533	**EPM IFAT Panel Sarcofluor IFAT and Neofluor IFAT** This tests for exposure to *S. neurona* and *Neospora hughesi* as the causative agents of EPM. This test should be interpreted considering seroprevalence of EPM in the area where the horse resides. This test is more likely to be accurate in areas with lower seroprevalence of the disease. **Note:** If submitting both serum and CSF, use code S14534 as the EPM IFAT Panel with Ratio **Interferences:** Hemolysis may interfere with testing.	2.0 serum in non-additive tube (do **NOT** use serum separator tube) **OR** 2.0 mL CSF in non-additive tube (do **NOT** use anti-coagulant)	7-10 days

CODE	TEST NAME | DESCRIPTION | COMPONENTS	SPECIMEN	TAT*
S14534	**EPM IFAT Panel with Ratio Sarcofluor IFAT, Neofluor IFAT, and EPM IFAT Ratio** This test is used to identify intrathecal production of antibody to *S. neurona* and *Neospora hughesi* as an indication of active disease within the CNS. This is more accurate for disease than serum testing alone that is only used for exposure. **Interferences:** Hemolysis may interfere with testing	2.0 mL serum in non-additive tube (do **NOT** use serum separator tube) **AND** 2.0 mL CSF in non-additive tube (do **NOT** use anti-coagulant)	7-10 days
S16275	**Equine Encephalitis Viral Panel** EEE, WEE, VEE (PRNT) and EEE (IgM Capture ELISA).	1.0 mL serum in red top or serum separator tube.	10-14 days
S17500	**Equine Encephalitis Viral Panel Plus** Equine Encephalitis Viral Panel with West Nile Titer (PRNT & IgM ELISA) and Equine Herpes Virus (EHV1) Ab.	3.0 mL serum in red top or serum separator tube.	10-14 days
S14477	**Equine Comprehensive Neurological Panel** Equine Encephalitis Viral Panel, EPM SAG 2,4/3 ELISA, West Nile Titer (PRNT & IgM ELISA), and Equine Herpes Virus 1 (EHV1) PCR.	3.0 mL serum in red top or serum separator tube **AND** one or more of the following: 5.0 mL EDTA whole blood in lavender top tube, 5.0 mL nasal wash in non-additive tube, and/or nasal swab in non-additive tube **without media**.	5-14 days
S85448	**West Nile Titer (PRNT & IgM ELISA)**	1.0 mL serum in red top or serum separator tube.	7-14 days
	PCR		
L950	**Equine Gastrointestinal PCR Panel** *Clostridium difficile* A & B, *Clostridium perfringens*, *C. perfringens* toxin A, *C. perfringens* toxin B, *C. perfringens* toxin E, *C. perfringens* toxin NetF, Equine Coronavirus (ECoV), *Lawsonia intracellularis*, *Neorickettsia risticii* (PHF), Equine Rotavirus A&B, and *Salmonella* spp. **Note:** Single negative *Salmonella* spp. PCR result does NOT rule out *Salmonella* spp. Three (3) serial submissions are recommended (use code S14416 for sample 2 and/or sample 3).	5 grams of feces in ANTECH™ provided fecal container.	4-5 days
L960	**Equine PCR Respiratory Panel** *Streptococcus equi*, *Streptococcus zooepidemicus*, *Rhodococcus equi*, Equine Herpes Virus 1 (EHV1), Equine Herpes Virus 4 (EHV4), Equine Influenza Virus (EIV), Equine Rhinitis Virus A and B (ERAV & ERBV) **Interferences:** Wooden swabs can interfere with testing and plastic swabs are preferred.	Transtracheal wash, bronchoalveolar lavage, guttural pouch wash, nasal swab in non-additive tube **without media**, or respiratory tract tissue.	4-5 days
L965	**Equine PCR FUO Panel** **Swab:** *Streptococcus equi*, Equine Herpes Virus 1, Equine Herpes Virus 4, Equine Influenza Virus, Equine Rhinitis Virus A and *B.* **EDTA whole blood:** Equine Herpes Virus-1, *Anaplasma phagocytophilum*, *Neorickettsia risticii* (PHF). **Fecal:** *Neorickettsia risticii* (PHF), Coronavirus (ECoV). **Interferences:** Wooden swabs can interfere with testing and plastic swabs are preferred.	1.0 mL EDTA whole blood in lavender top tube, nasal swab in non-additive tube **without media**, **AND** 5 grams of feces in ANTECH™ provided fecal container.	4-5 days

CODE	TEST NAME | DESCRIPTION | COMPONENTS	SPECIMEN	TAT*
L970	**Equine PCR FUO Mini** **EDTA whole blood:** Equine Herpes Virus-1, *Anaplasma phagocytophilum*, *Neorickettsia risticii* (PHF). **Fecal:** *Neorickettsia risticii* (PHF), Coronavirus (ECoV).	1.0 mL EDTA whole blood **AND** 5 grams of feces in ANTECH™ provided fecal container.	4-5 days
S14421	***Anaplasma phagocytophilum* PCR (Equine)**	1.0 mL EDTA whole blood in lavender top tube.	3-5 days
S14414	**Equine Coronavirus PCR (ECoV)**	5 grams feces	4-5 days
S14394	**Equine Herpes Virus 1 (EHV1) PCR** Viral shedding from the respiratory tract and viremia can occur for up to 14 days. Recommend submitting both nasal swabs and whole blood to increase the chances of viral recovery. **Interferences:** Wooden swabs can interfere with testing and plastic swabs are preferred.	One of more of the following: 5.0 mL EDTA whole blood, 5.0 mL nasal wash in non-additive tube, nasal swab in non-additive tube **without media**.	3-5 days
L978	**Equine *Leptospira* PCR Blood/Urine** Call the Equine Customer Support Team about other options available at **800-872-1001, dial 4**.	0.5 mL EDTA whole blood in lavender top tube **AND** 2.0 mL of urine in urine transport tube.	3-5 days
S14479	***Neorickettsia risticii* (PHF) PCR** Shedding in the feces and viremia may occur at different times during the course of the disease. Recommend submitting both whole blood and a fecal sample for testing. **Note:** There is no additional charge for testing both samples.	1.0 mL EDTA whole blood in lavender top tube **and/or** 5 grams of feces in ANTECH™ provided fecal container.	4-5 days
S14396	***Rhodococcus equi* PCR** Identification of *R. equi* carrying the virulence plasmid gene vapA. **Note:** Transtracheal wash sample is the recommended specimen for diagnosis of *R. equi* pneumonia. Fecal sample is acceptable for identification of mares that may be shedding virulent *R. equi* causing infection in foals. **Interferences:** Wooden swabs can interfere with testing and plastic swabs are preferred.	One or more of the following: Transtracheal wash, bronchoalveolar lavage, nasal swab in non-additive tube **without media**.	4-5 days
T983	**Equine Ringworm PCR Panel** *Microsporum* spp., *M. equinum/canis*, *M. gypseum*, *Trichophyton* spp., *T. equinum/mentagrophytes*	Minimum of 10 plucked hair with roots, skin scraping, **OR** tooth brush sample in sterile, dry container free of liquids or preservatives.	1-5 days
T987	**Equine Ringworm PCR with Dermatophyte Culture**	Minimum of 15 plucked hair with roots, skin scraping, **OR** tooth brush sample in sterile, dry container free of liquids or preservatives.	1-21 days

CODE	TEST NAME | DESCRIPTION | COMPONENTS	SPECIMEN	TAT*
S14416	***Salmonella* spp. PCR** **Note:** Single negative *Salmonella* spp. PCR result does not rule out *Salmonella* spp. Three (3) serial submissions are recommended. Detects DNA from pathogenic species of *Salmonella*. *Salmonella* PCR testing can also be used as a bio-surveillance tool to identify asymptomatic/shedding horses and monitor in-patients in a hospital setting.	5 grams of feces (multiple days should be submitted separately but within 72 hours of collection and marked by date of collection) in ANTECH™ provided fecal container.	4-5 days
S86308	***Streptococcus equi equi* PCR** Detection of *S. equi equi* bacterial DNA as the causative agent of Strangles infection. A positive sample indicates the presence of DNA but does not confirm live organism. A culture should be submitted separately. Can also be used to identify asymptomatic carriers. Nasopharyngeal wash or guttural pouch washes are the preferred samples. Nasal swabs are not recommended. **Interferences:** Wooden swabs can interfere with testing and plastic swabs are preferred.	One or more of the following: 5.0 mL nasal wash in non-additive tube, 5.0 mL guttural pouch wash in non-additive tube, pharyngeal swab in non-additive tube **without media**.	4-5 days
	MARE REPRODUCTION		
S16295	**Estradiol** Recommended for testing **after** 120 days post breeding.	1.0 mL serum in red top or serum separator tube.	7-10 days
S16300	**Estrone Sulfate (Equine)** Recommended for testing **after** 100 days post breeding.	1.0 mL serum in red top or serum separator tube.	7-10 days
S16635	**Pregnant Mare Serum Gonadotropin (PMSG)** Recommended for testing at day 45-120 post breeding.	2.0 mL serum in red top or serum separator tube.	7-9 days
L140	**Progesterone**	0.5 mL serum in non-additive tube (do **NOT** use SST).	1-2 days
L460	**Progesterone, PMSG (Equine)**	2.5 mL serum in non-additive tube (do **NOT** use SST).	1-9 days
L470	**Progesterone, Estradiol (Equine)**	1.5 mL serum in non-additive tube (do **NOT** use SST).	1-10 days
L480	**Progesterone, PMSG, Estradiol (Equine)**	3.0 mL serum in non-additive tube (do **NOT** use SST).	1-10 days
	GRANULOSA CELL TUMOR TESTING		
S85857	**Equine Granulosa Cell Tumor** Progesterone, Testosterone, Inhibin (Equine).	3.0 mL serum in non-additive tube (do **NOT** use SST)	2-21 days
S4131	**Inhibin (Equine)** **Interferences:** Marked hemolysis or lipemia.	1.0 mL serum in red top tube or serum separator tube.	2-3 weeks
S14320	**Anti-Mullerian Hormone (Equine)**	1.0 mL serum in red top or serum separator tube.	3-8 days

CODE	TEST NAME | DESCRIPTION | COMPONENTS	SPECIMEN	TAT*
	STALLION/GELDING REPRODUCTION		
S16760	**Testosterone**	0.5 mL serum in red top or serum separator tube.	3-5 days
SEMEN	**Semen Analysis** Sperm Count (including Total Volume and pH), with Cytologic Evaluation.	2.0 mL semen (fresh or extended) in lavender top tube.	1-2 days
	CRYPTORCHID TESTING		
T971	**Testosterone Cryptorchid Panel (2 Sample)** **Sample Handling:** • Draw sample in non-additive tube or serum separator tube and spin. • Administer **10,000 IU of HCG IV** (2,500 IU of HCG IV for mini-horses). • Draw sample at 2-hour post serum in non-additive tube or serum separator tube and spin.	0.5 mL PRE serum and 0.5 mL POST serum sample (label accordingly).	3-5 days
S85530	**Testosterone Cryptorchid Panel (4 Sample)** Pre, 20-min post, 1-hr post, 2-hr post HCG **Sample Handling:** • Draw sample in non-additive tube or serum separator tube and spin. • Administer **10,000 IU of HCG IV** (2,500 IU of HCG for mini-horses). • Draw sample at 20-min post, 1-hour post and 2-hr post serum in non-additive tubes or serum separator tubes and spin.	0.5 mL serum for PRE and each POST sample (label accordingly with time of draw).	3-5 days
S16300	**Estrone Sulfate (Equine)** Recommended after 3 years of age.	1.0 mL serum in red top or serum separator tube.	7-10 days
S14320	**Anti-Mullerian Hormone (Equine)** Recommended before 3 years of age.	1.0 mL serum in red top or serum separator tube.	3-8 days
	MICROBIOLOGY		
M020	**Culture, Aerobic** Aerobic Culture and MIC sensitivity testing This test is used when an aerobic bacterial infection is suspected in a tissue or fluid. In the case of a positive culture of relevant bacteria, sensitivities are performed and reported. **Interferences:** Prior to culture submission, patient should be off antibiotics for seven to ten days. **Note:** When submitting samples from multiple sources, each culture source should be a separate submission: Each with a sample (labeled accordingly with source) and a Test Requisition Form (TRF). When submitting fluid, place it in a RTT. Samples collected in EDTA are not acceptable. Submit tissue samples in RTT with a few drops of saline (to keep moist) and refrigerate prior to transportation to laboratory.	Culturette from fluid (body cavity fluids), TTW, BAL, wound, lesion, or skin. Tissue sample in saline. Culturette, red top or white top tube with fluid, or other sterile container. Samples collected in EDTA tube are not acceptable.	3-4 days Preliminary report available every 24 hours. Final culture result available in 72 hours. If a fastidious organism is observed, the listed turnaround time may be extended.

CODE	TEST NAME | DESCRIPTION | COMPONENTS	SPECIMEN	TAT*
M020REPR	**Culture, Aerobic (Reproduction)** **Interferences:** Prior to culture submission, patient should be off antibiotics for seven to ten days.	Culturette from uterus (endometrium).	3-4 days Preliminary report available every 24 hours. Final culture result available in 72 hours. If a fastidious organism is observed, the listed turnaround time may be extended.
M220	**Culture, Aerobic (Enhanced Fluid)** **Note:** If submitting multiple joints, should be submitted separately as different requests in different bags. Indicate the source of fluid on BCB and submission form.	Fluid in BD Bactec Blood Culture Bottle (BCB).	3-4 days Preliminary report available every 24 hours. Final culture result available in 72 hours. If a fastidious organism is observed, the listed turnaround time may be extended.
M060	**Culture, Aerobic (Blood)** Recommended when bacteremia with an aerobic organism is suspected. **Interferences:** Antibiotics. Whole blood submitted in any other tube type than Bactec Blood Culture Bottle is not suitable for testing. **Note:** Submit in BACTEC aerobic culture bottle. Clip fur and scrub venipuncture site for aseptic collection. Aim to collect 1.0 mL for cats and small dogs, 2-3 mL for larger dogs to be inoculated into 20 mL bottle. Don't unscrew caps on bottles. Remove the protective top and wipe visible parts of the rubber stopper with 70% ethanol. Allow stopper to dry or wipe with sterile gauze. Replace the drawing needle with a sterile needle before puncturing the rubber stopper, fill until vacuum stops, then gently invert the bottle to mix. Anticoagulants in the media will prevent blood from clotting.	Whole blood collected in BD Bactec Blood Culture Bottle (BCB) with 1-3 mL whole blood added to bottle.	3-5 days

CODE	TEST NAME | DESCRIPTION | COMPONENTS	SPECIMEN	TAT*
M030	**Culture, Anaerobic** Anaerobic culture with identification of organism(s). This test is used when an anaerobic bacterial infection is suspected in a tissue or fluid. **Interferences:** Samples with exposure to air or if dried will preclude accurate testing. **Note:** When submitting samples from multiple sources, each culture source should be a separate submission: Each with a sample (labeled accordingly with source) and a Test Requisition Form (TRF). When submitting fluid, place it in a RTT. If submitting culture swabs, we recommend that two swabs always be submitted to enable plenty of inoculum to be used on each type of culture media used.	Anaerobic culturette from fluid (body cavity fluids), TTW or BAL, wound, lesion. Tissue sample (at least 2 cm x 2 cm) in sterile, air tight container (no saline is necessary). Culturette, red top or white top tube with fluid, or other sterile container. Samples collected in EDTA tube are not acceptable.	3-5 days Preliminary report issued 3rd day. Final culture result issued 4th day.
M040	**Culture, Aerobic and Anaerobic** This test is used when a bacterial infection is suspected in a tissue or fluid, but it is uncertain whether an aerobic or an anaerobic organism is the cause. See codes M020 and M030 for additional sample submission instructions and acceptable specimens. Samples collected in EDTA are not acceptable.	Culturette for aerobic and anaerobic culture set-up (samples labeled accordingly).	3-5 days
M080	**Culture, Fungal** If Ringworm is suspected, use code T983 or T987. This test is for fungal culture and identification. Not for suspected ringworm infections. Label sample and submission form with source. Indicate on submission form if dimorphic fungal infection is suspected (E.g., coccidioidomycosis, blastomycosis, or histoplasmosis). Test includes fungal culture with identification. Sensitivities are not included.	One or more of the following: Dry hair, nails, skin scraping, body fluid, or lesion material collected in a sterile red top or other sterile container without additive (dry, without saline). DTM bottle, culturette, container.	21 days Preliminary report every 7 days. Final report available at 21 days (3 weeks) or upon identification.
M130 **Add-on Equivalent ADD210**	**Culture, Urine** FIRSTract™ Urine Culture followed by plating in the case of a positive result for bacterial identification and sensitivity. FIRSTract™ is a rapid broth culture system that uses light scattering technology to reliably detect bacterial growth more rapidly than traditional plate culture techniques. When bacterial growth is detected by FIRSTract™, plate culture for bacterial identification and antimicrobial susceptibility is automatically performed. **Interferences:** Antimicrobial therapy in the preceding 7-10 days may interfere with bacterial growth.	2.0 mL cystocentesis, clean catch or catheterized urine in sterile red top tube or urine transport tube.	1-3 days FIRSTract™ result available within 12 hours. If plate culture is subsequently indicated, preliminary reports available every 24 hours. If a fastidious organism is observed, the listed turnaround time may be extended.

CODE	TEST NAME | DESCRIPTION | COMPONENTS	SPECIMEN	TAT*
	PATHOLOGY		
CYTO	**Cytology** Includes cytologic interpretation, diagnosis, and comments regarding etiology and biological behavior where applicable. **Note:** Single source.	Two or more air-dried and unstained slides. Please provide a clinical history and label each slide with patient name/source. Lavender top with fluid, red top with fluid, air-dried unstained slides.	1-3 days
CYTOREPR	**Cytology (Reproduction)** Uterine swabs in or out of media are not an acceptable sample and will preclude testing.	2 or more air dried smears prepared fresh from uterine swab at time of collection, submitted unstained with clinical history.	1-3 days
FLUA	**Fluid Analysis** Recommended test for the evaluation of fluids from a cavity or tissue space. Includes preparation of submitted sample, Cell Count (WBC & RBC), Specific Gravity, Protein measurement, and microscopic interpretation by clinical pathologist. Include source and clinical history.	1.0 mL body cavity fluid in lavender or red top tube with 2 unstained smears prepared from fluid. Red top with fluid, lavender top with fluid, air dried unstained slides	1-3 days
CSF	**Fluid Analysis (CSF)** Includes preparation of submitted sample, CSF Cell Count (WBC & RBC), Specific Gravity, Protein & Glucose measurement, and microscopic interpretation by clinical pathologist. Include source and clinical history.	1.0 mL cerebrospinal fluid in lavender top tube.	1-3 days
SYFLUA	**Fluid Analysis (Synovial)** Includes preparation of submitted sample, Color, Clarity, Synovial Fluid Cell Count (WBC & RBC), Specific Gravity, Protein measurement, and microscopic interpretation by clinical pathologist. **Note:** If submitting multiple joints, should be submitted separately as different requests in different bags. Include clinical history.	1.0 mL synovial fluid in lavender top tube.	1-3 days
TTW	**Airway Wash** Includes preparation of submitted sample and microscopic interpretation by clinical pathologist. Include clinical history.	1.0 mL airway wash fluid in red top or lavender top tube, or 2 unstained air-dried smears prepared from fluid.	2-4 days

CODE	TEST NAME | DESCRIPTION | COMPONENTS	SPECIMEN	TAT*
FBX	**Histopathology** A boarded pathologist will evaluate the tissue submitted for Histopathology. A full written biopsy report will be provided, including source, microscopic findings, and pathologist's comments. The pathologist's comments will include, where applicable, margin evaluation, grading, interpretation of special stains, and recommendations for further testing if needed. **Note:** Firmly and evenly tighten the lid of the formalin jar and check for any leaks prior to placing the sample in a Ziplock/ sealable bag with the Test Requisition Form (TRF). A comprehensive history should be included with each biopsy submission.	Submit tissue in 10% neutral buffered formalin, in a biopsy container available through ANTECH™ or other plastic, leak-proof, wide mouth 1 L or smaller container labelled with patients name, tissue source, and date. Tissue specimens larger than 20 cm are most easily handled by sending them fresh: NO formalin, only enough saline to keep the sample moist, triple bagged to prevent leakage (leaks delay shipping), and refrigerated until pickup. To prevent severe biopsy damage when temperatures are below freezing, we recommend adding 1:10 ratio of isopropyl alcohol (70% or greater) to 10% neutral buffered formalin.	3-5 business days Samples requiring decalcification or other special handling may take longer to process than the stated turnaround time.
	INDIVIDUAL TESTS		
S17027	**Heska™ Allercept™ Equine Panel** Comprehensive 91-allergen equine panel including grasses, weeds, trees, mites, epithelials, biting flies and insects, fleas, yeast, and fungi. Quantitative IgE antibody test results. Immunotherapy recommendations based on patient history and location of clinic. If primary location of patient is different, please include zip code of patient. View complete allergen list at **antechdiagnostics.com/reference-lab/diagnostics/allergy/allergen-panels**	3.0 mL serum in red top, white top, serum separator tube, or in Heska™ provided tube.	4-5 business days
S14466	**Equine 11 Metal and Mineral Panel** **Serum:** Cobalt, Copper, Iron, Manganese, Molybdenum, Selenium, and Zinc. **EDTA Whole Blood:** Arsenic, Cadmium, Lead, and Thallium. Serum selenium provides current-day levels, while whole blood selenium indicates selenium status over a longer period of time.	One or more of the following: 1. 1.0 mL serum in non-additive tube AND EDTA whole blood in lavender top tube. 2. 5 grams fresh liver sample in sealed, leak-proof container. 3. 50 mg fresh liver biopsy (3 Tru-Cut samples, no fluid added) in sealed, leak-proof container. 4. 500 grams of feed (representative sample) in sealed container.	5-10 days
S16285	**Equine Viral Arteritis (EVA)**	1.0 mL serum in red top or serum separator tube.	7-10 days

CODE	TEST NAME | DESCRIPTION | COMPONENTS	SPECIMEN	TAT*
S16510	**Leptospirosis** *L. pomona*, *L. icterohaemorrhagiae*, *L. canicola*, *L. grippotyphosa*, *L. hardjo*, *L. autumnalis*, *L. bratislava* Serum neutralization (SN) for detection of neutralizing antibodies to Equine Arterits Virus (EAV). **Interferences:** Recent vaccination (within one month) may interfere with testing.	1.0 mL serum in red top tube or serum separator tube.	3-5 days
T672	**Lyme Multiplex (Equine)**	0.5 mL serum in red top or serum separator tube.	5-10 days
S16848	**Piroplasmosis (Equine)** Theileria (*Babesia*) *equi*, *Babesia caballi*	2.0 mL serum in red top or serum separator tube.	10-12 days
S16740	***Streptococcus equi* SeM ELISA**	5.0 mL serum in red top or serum separator tube.	7-10 days
S16850	**Vitamin E** **Sample Handling:** • Serum needs to in covered container to prevent exposure to light. • Patient age **MUST** be provided.	1.5 mL serum in red top or serum separator tube (spun).	7-10 days
S16730	**Selenium Level** Used to detect exposure to selenium.	1.0 mL serum in red top or serum separator tube (spun) **OR** 1.0 mL EDTA whole blood in lavender top tube.	5-7 days
S17505	**Vitamin E, Selenium** See **S16850** for additional drawing instructions.	2.5 mL serum in red top or serum separator tube (spun).	7-10 days
	LARGE ANIMAL CBC AND CHEMISTRY		
T332	**Complete Blood Count (CBC) and Fibrinogen** **Interferences:** Marked hemolysis and lipemia.	1.0 mL EDTA whole blood with or without 0.5 mL citrated plasma (preferred for Fibrinogen).	24 hours
L1001	**Ruminant Chemistry** Equine Chemistry and Magnesium Total Protein, Albumin, Globulin, A/G Ratio, AST (SGOT), Alk Phos, GGT, Total Bilirubin, *D.* Bilirubin, BUN, Creatinine, BUN/Creat Ratio, Phosphorus, Glucose, Calcium, Magnesium, Sodium, Potassium, NA/K Ratio, Chloride, Cholesterol, Triglyceride, CPK, and LDH **Sample Handling:** Serum separator samples should be spun prior to submission. Red top tubes should be spun and serum transferred to a non-additive tube and marked as SERUM. If the serum is not separated from the red blood cells, chemistry values can be affected.	0.5 mL serum in red top or serum separator tube.	24 hours
L080	**Ruminant Chemistry, CBC, and Fib**	0.5 mL serum, 1.0 mL EDTA whole blood, with or without 0.5 mL citrated plasma (preferred for Fibrinogen).	24 hours
S16035	***Anaplasma* CF (Bovine)** **Interferences:** Severe hemolysis or lipemia will preclude testing.	2.0 mL serum in red top or serum separator tube.	5-10 days

CODE	TEST NAME | DESCRIPTION | COMPONENTS	SPECIMEN	TAT*
S16124	***Babesia bovis***	1.0 mL serum in red top or serum separator tube.	7-10 days
T785	**Baermann** Recommended to detect lungworm larvae in fecal samples.	10 grams of feces (submit within 24 hours of collection) in ANTECH™ provided fecal container.	2-4 days
S14456	**Bovine Herpes Virus**	1.0 mL serum in red top or serum separator tube (send on ice).	5-7 days
S16844	**Bovine Viral Diarrhea (BVD) ELISA**	1.0 mL serum from precolostral newborn calves or calves older than three months are suitable for testing. Ear notches from animals of all ages may also be tested.	7-10 days
S86551	**Bovine Viral Diarrhea (BVD) PCR**	2.0 mL EDTA whole blood in lavender top tube, fresh tissue, semen, or milk in non-additive tube.	7-10 days
S16145	**Caprine Arthritis Encephalitis (CAE)**	1.0 mL serum in red top or serum separator tube.	7-10 days
S16425	**IgG Bovine** Methodology is the RID Method.	1.0 mL serum in red top or serum separator tube.	7-10 days
S16430	**IgG Llama** Methodology is the RID Method.	1.0 mL serum in red top or serum separator tube.	2-3 days
S16302	**Johne's Disease Antibody** Recommended for whole herd screening. The Johnes Commercial ELISA detects antibodies to Mycobacterium avium subsp.paratuberculosis (MAP).	1.0 mL serum in red top or serum separator tube.	5-7 days
T805	**Ova and Parasite (O&P) with Centrifugation** Fecal O&P detection. Samples are appropriately mixed with zinc sulfate solution, centrifuged, followed by flotation and slide evaluation. **Note:** Sample should be evaluated within 24 hours of collection. If a worm has been identified in the sample, separate the worm and place it in a container labeled Worm in black, additionally mark Worm on the TRF being submitted with the sample.	5 grams of feces in ANTECH™ provided fecal container.	1-2 days

Test Index


Antech™