

# Veterinary Test Menu

ANTIGEN DETECTION						
Test Code	Test Name	Specimen Requirements	Specimen Rejection	Shipping	Interfering Substances & Cross-Reactivities	Test Set-up Days
310	MVista® <i>Histoplasma</i> Ag Quantitative EIA	<b>Acceptable Specimen:</b> Urine, serum, CSF, BAL and plasma (EDTA, heparin or sodium citrate). Serum/plasma separated from the clot, in a leak-proof container. Urine, CSF & BAL in sterile leak-proof container. <b>Specimen Stability:</b> <b>Histo, Blasto, Cocci:</b> 2 weeks RT/RF, indefinite FZ. <b>Minimum Volume:</b> Urine, BAL & other body fluid = 0.5mL Serum = 1.2mL CSF = 0.8mL	Tissue, biopsy, sputum, bronchial brush, tracheal aspirate, FNA bone marrow aspirate, or stool. Samples in transport media, fixative or Isolator tubes.	Ship to arrive Monday-Friday using a next day delivery service or 2 <sup>nd</sup> day service. May be shipped ambient. Do not ship by first class mail.	Sodium hydroxide and sputolysin. Cross-reactivity occurs between blastomycosis and histoplasmosis and in paracoccidioidomycosis, penicillosis, coccidioidomycosis, aspergillosis and sporotrichosis.	<b>Mon - Fri</b>  <b>TAT</b> Rec'd before 10:30am: 8-24 hrs  Rec'd after 10:30am: 24-48 hrs  Positive samples may require confirmation which could extend TAT.
316	MVista® <i>Blastomyces</i> Ag Quantitative EIA					
315	MVista® <i>Coccidioides</i> Ag Quantitative EIA					
309	<i>Aspergillus</i> Galactomannan EIA	<b>Acceptable Specimen:</b> Serum separated from the clot in a leak-proof container. Urine, CSF & BAL in sterile leak-proof container. <b>Specimen Stability:</b> 48hrs RT, 5 days RF or up to 5 months FZ. <b>Minimum volume:</b> Serum, urine, CSF & BAL = 0.8mL.	Nasal washings, plasma from any tube other than EDTA. Samples in fixative, transport media or PLASMA-LYTE.	Ship on dry ice to arrive Monday-Friday using a next day delivery service. Frozen ice packs may be substituted if sample is shipped the day of collection.	PLASMA-LYTE or other fluids containing sodium gluconate; infection with <i>Penicillum</i> , <i>Alternaria</i> , <i>Fusarium Geotrichum</i> , <i>Paecilomyces</i> , <i>Histoplasma</i> , <i>Blastomyces</i> ; or airway colonization with <i>above</i> organisms.	Test codes 310, 316, 315 Serum & CSF are treated to improve accuracy, this step adds 1 day TAT.
317	(1→3)-β-D-Glucan Colorimetric Assay	<b>Acceptable Specimen:</b> Collect serum in red-top or serum separator tube and separate from clot. Pipette into a suitable container that is free of interfering levels of (1→3)-β-D-Glucan. <b>Specimen Stability:</b> 5 days RF or longer if FZ. <b>Minimum Volume:</b> Serum = 0.2mL.	Lipemic, hemolyzed or icteric samples or any sample type other than serum.		False-positive results may occur in hemodialysis patients, those receiving therapy with ampicillin/sulbactam, or with certain fractionated blood products such as serum albumin and immunoglobulins and in specimens of patients exposed to glucan-containing gauzes.	
319	Cryptococcal Antigen, Latex Agglutination	<b>Acceptable Specimen:</b> Serum separated from the clot in a leak-proof container. CSF in sterile leak-proof container. <b>Specimen Stability:</b> 7 days RT, 2 months RF/FZ <b>Minimum volume</b> = 0.25mL. <i>*Positive samples will automatically reflex to a titer.</i>	Specimen types other than serum or CSF.		False-positive results may occur in patients with <i>Trichosporonosis</i> .	
<b>Patient's identification must be visible on the specimen container.</b> <b>Specimens with particulate matter or viscosity that would not allow the specimen to be pipetted will be rejected.</b>						

# Veterinary Test Menu

ANTIBODY DETECTION						
Test Code	Test Name	Specimen Requirements	Specimen Rejection	Shipping	Interfering Substances & Cross-Reactivities	Test Set-up Days
320	<i>Coccidioides</i> Antibody, by Immunodiffusion *	<b>Acceptable Specimen:</b> Serum separated from the clot in a leak-proof container. <b>Specimen Stability:</b> 7 days RF, 6 months FZ. <b>Minimum volume</b> = 0.25mL per antibody *Positive samples will automatically reflex to a titer.	Specimen types other than serum.	Ship on dry ice to arrive Monday-Friday using a next day delivery service. Frozen ice packs may be substituted if sample is shipped the day of collection.	C reactive protein present in the patient's serum may interfere with interpretation of results for <i>Aspergillus</i> Antibody.	<b>Tues &amp; Fri</b>  <b>TAT</b> 3 days from set up date
324	<i>Aspergillus</i> Antibody, by Immunodiffusion					
327	<b>MVista</b> ® <i>Histoplasma</i> Canine IgG Antibody EIA	<b>Acceptable Specimen:</b> Serum separated from the clot in a leak-proof container. CSF in a sterile leak-proof container. CSF will be reported with a rare specimen comment. <b>Specimen Stability:</b> 14 days RF, 14 days FZ. <b>Minimum volume</b> = 0.25mL	Specimen types other than serum or CSF.		~1/3 of patients with Blastomycosis or Coccidioidomycosis will exhibit cross reactivity.  6.4% of Blastomycosis patients and 7.7% of Histoplasmosis patients exhibit cross reactivity.  No cross reactivity with <i>Coccidioides</i> or <i>Histoplasma</i> was found during validation.	<b>Mon &amp; Thurs</b>  <b>TAT</b> Next day
328	<b>MVista</b> ® <i>Histoplasma</i> Feline IgG Antibody EIA					
329	<b>MVista</b> ® <i>Coccidioides</i> Canine IgG Antibody EIA					
330	<b>MVista</b> ® <i>Blastomyces</i> Canine IgG Antibody EIA					

THERAPEUTIC DRUG MONITORING BY BIOASSAY						
Test Code	Test Name	Specimen Requirements	Specimen Rejection	Shipping	Interfering Substances & Cross-Reactivities	Test Set-up Days
312	<b>MVista</b> ® Itraconazole	<b>Acceptable Specimen:</b> Serum, Plasma (EDTA or heparin). Serum separated from the clot in a leak-proof container. <b>Specimen Stability:</b> 7 days RT, RF or FZ. <b>Minimum volume:</b> Serum/Plasma = 0.25mL. <i>Drug levels should be measured after treatment of at least 2 weeks in dogs &amp; 3 weeks in cats, to reach a steady state. Preferable to collect blood sample at trough time.</i>	Sodium citrate plasma.	Ship on dry ice or frozen ice packs to arrive Monday-Friday using a next day delivery service.	Other antifungal medications may cause falsely high results. List all antifungal agents patient is receiving on Test Request Form.	<b>Wed Only</b> Results released the next morning.

**Patient's identification must be visible on the specimen container.**  
**Specimens with particulate matter or viscosity that would not allow the specimen to be pipetted will be rejected.**