

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	Acceptable Specimen: 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. Specimen Stability: Histo/Blasto/Cocci: 14 days RT/RF, indefinite if FZ. Minimum Volume: 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 nd 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, penicilliosis, coccidioidomycosis, aspergillosis and sporotrichosis.	Mon - Fri TAT 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	Acceptable Specimen: Serum separated from the clot in a leak-proof container. Urine, CSF & BAL in sterile leak-proof container. Specimen Stability: 48hrs RT, 5 days RF or up to 5 months FZ. Minimum volume: 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	Acceptable Specimen: 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. Specimen Stability: 5 days RF or longer if FZ. Minimum Volume: 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	Acceptable Specimen: Serum separated from the clot in a leak-proof container. CSF in sterile leak-proof container. Specimen Stability: 7 days RT, 2 months RF/FZ Minimum volume = 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> .	

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.

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*	Acceptable Specimen: Serum separated from the clot in a leak-proof container. Specimen Stability: 7 days RF, 6 months FZ. Minimum volume = 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.	Tues & Fri TAT 3 days from set up date
324	<i>Aspergillus</i> Antibody, by Immunodiffusion					
327	MVista ® <i>Histoplasma</i> Canine IgG Antibody EIA	Acceptable Specimen: 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. Specimen Stability: 14 days RF, 14 days FZ. Minimum volume = 0.25mL	Specimen types other than serum or CSF.		~1/3 of patients with Blastomycosis or Coccidioidomycosis will exhibit cross reactivity.	Mon & Thurs TAT Next day
328	MVista ® <i>Histoplasma</i> Feline IgG Antibody EIA				7% of Blastomycosis patients and 8% of Histoplasmosis patients exhibit cross reactivity.	
329	MVista ® <i>Coccidioides</i> Canine IgG Antibody EIA				No cross reactivity with <i>Coccidioides</i> or <i>Histoplasma</i> was found during validation.	
330	MVista ® <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	MVista ® Itraconazole	Acceptable Specimen: Serum, Plasma (EDTA or heparin). Serum separated from the clot in a leak-proof container. Specimen Stability: 7 days RT, RF or FZ. Minimum volume: Serum/Plasma = 0.25mL. <i>Drug levels should be measured after treatment of at least 2 weeks in dogs & 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.	Wed Only Results released the next morning.