

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: 2 weeks RT/RF, indefinite 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, penicillolesis, 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>Penicillium</i> , <i>Alternaria</i> , <i>Fusarium</i> , <i>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. 7% of Blastomycosis patients and 8% of Histoplasmosis patients exhibit cross reactivity. No cross reactivity with <i>Coccidioides</i> or <i>Histoplasma</i> was found during validation. | Mon & Thurs TAT Next day |
| 328 | MVista ® <i>Histoplasma</i> Feline IgG Antibody EIA | | | | | |
| 329 | MVista ® <i>Coccidioides</i> Canine IgG Antibody EIA | | | | | |
| 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. |

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.