

# Veterinary Test Menu

ANTIGEN DETECTION			
Code	Test	Requirements	Notes
310	MVista® <i>Histoplasma</i> Antigen EIA	<b>Specimen:</b> Urine, serum, plasma, CSF, BAL <b>Anticoagulant:</b> Heparin, EDTA, NaCit	<b>Cross Reactivity/False Positive:</b> <ul style="list-style-type: none"> <li>• Very High: <i>Blastomyces</i>, <i>Histoplasma</i>, <i>Paracoccidioides</i>, and <i>Talaromyces</i> (talaromycosis, previously penicilliosis)</li> <li>• Moderate: <i>Coccidioides</i></li> <li>• Rare: <i>Aspergillus</i></li> <li>• None: <i>Cryptococcus</i></li> </ul> <b>Stability:</b> RT=2 weeks, RF=2 weeks, FZ=indefinite <b>Shipping:</b> Overnight or 2 <sup>nd</sup> day – ambient <b>Turnaround Time:</b> 24-48 hours
316	MVista® <i>Blastomyces</i> Antigen EIA	<b>Container:</b> Serum in separator or transfer tube. Urine, CSF and BAL in a leak-proof container.	
315	MVista® <i>Coccidioides</i> Antigen EIA	<b>Volume:</b> Serum/plasma 1.0 mL, CSF 0.8 mL, Urine and BAL 0.5 mL	
309	<i>Aspergillus</i> Antigen EIA	<b>Specimen:</b> Urine, serum, plasma, CSF, BAL <b>Anticoagulant:</b> EDTA <b>Container:</b> Serum in separator or transfer tube. Urine, CSF and BAL in a leak-proof container. <b>Volume:</b> 0.4 mL	<b>Cross Reactivity/False Positive:</b> <ul style="list-style-type: none"> <li>• Certain gluconate containing fluids (Vetivex pHLyte; NOT Plasmalyte or Norm-R)</li> <li>• Potentially penicillin antibiotics</li> <li>• High: <i>Alternaria</i>, <i>Fusarium</i>, <i>Geotrichum</i>, <i>Paecilomyces</i></li> <li>• Low: <i>Coccidioides</i>, <i>Cryptococcus</i>, <i>Blastomyces</i>, <i>Histoplasma</i></li> </ul> <b>Stability:</b> RT=48 hours, RF=5 days, FZ=5 months <b>Shipping:</b> Overnight or 2 <sup>nd</sup> day – with cold pack <b>Turnaround Time:</b> 24-48 hours
317	β-D-Glucan Antigen Colorimetric Assay	<b>Specimen:</b> Serum, <b>Uncommon Specimen*:</b> CSF <b>Container:</b> Serum in separator or sterile plastic tube. CSF in a leak-proof, sterile plastic tube. <b>Volume:</b> 0.25 mL	<b>Interfering Substance:</b> Turbid or grossly discolored samples due to lipid, bilirubin, or hemolysis. Significantly elevated immunoglobulin concentrations. <b>Cross Reactivity/False Positive:</b> <ul style="list-style-type: none"> <li>• Hemodialysis</li> <li>• Penicillin antibiotics</li> <li>• Fractionated blood products (serum albumin and immunoglobulins)</li> <li>• Specimens exposed to gauze or paper wipes</li> </ul> <b>Stability:</b> RF=5 days, FZ=indefinite <b>Shipping:</b> Overnight – with cold pack <b>Turnaround Time:</b> 24-48 hours
319	<i>Cryptococcus</i> Antigen Latex Agglutination	<b>Specimen:</b> Serum, CSF <b>Container:</b> Serum in separator or transfer tube. CSF in leak-proof container. <b>Volume:</b> 0.25 mL	<b>Interfering Substance:</b> Severely elevated immunoglobulin concentrations such as seen with multiple myeloma. <b>Cross Reactivity/False Positive:</b> Low: <i>Trichosporon</i> (trichosporonosis) <b>Stability:</b> RT=7 days, RF=2 months, FZ=2 months <b>Shipping:</b> Overnight or 2 <sup>nd</sup> day – ambient or with cold pack <b>Turnaround Time:</b> 24-48 hours

ANTIBODY DETECTION			
Code	Test	Requirements	Notes
320	<i>Coccidioides</i> Antibody by Immunodiffusion	<b>Specimen:</b> Serum	<b>Cross Reactivity/False Positive:</b> Moderate to Low: <i>Blastomyces</i> , <i>Histoplasma</i> , <i>Coccidioides</i> , and <i>Aspergillus</i> <b>Stability:</b> RT=28 days, RF=6 months, FZ=indefinite <b>Shipping:</b> Overnight - with cold pack <b>Turnaround Time:</b> 2-6 days
321	<i>Histoplasma</i> Antibody by Immunodiffusion	<b>Uncommon Specimen*:</b> CSF, plasma	
322	<i>Blastomyces</i> Antibody by Immunodiffusion	<b>Container:</b> Separator or transfer tube	
324	<i>Aspergillus</i> Antibody by Immunodiffusion	<b>Volume:</b> 0.25 mL	
327	<b>MVista</b> <sup>®</sup> <i>Histoplasma</i> Canine IgG Antibody EIA	<b>Specimen:</b> Serum	<b>Cross-reactivity/False Positives:</b> Low: <i>Histoplasma</i> , <i>Blastomyces</i> , and <i>Coccidioides</i> (true positives are considerably higher than cross-reactive results) <b>Stability:</b> RT=28 days, RF=6 months, FZ=indefinite <b>Shipping:</b> Overnight or 2 <sup>nd</sup> day - ambient or with cold pack <b>Turnaround Time:</b> 1-2 days
328	<b>MVista</b> <sup>®</sup> <i>Histoplasma</i> Feline IgG Antibody EIA	<b>Uncommon Specimen*:</b> CSF, plasma <b>Anticoagulant:</b> Heparin, EDTA, NaCit	
329	<b>MVista</b> <sup>®</sup> <i>Coccidioides</i> Canine IgG Antibody EIA	<b>Container:</b> Separator or transfer tube	
330	<b>MVista</b> <sup>®</sup> <i>Blastomyces</i> Canine IgG Antibody EIA	<b>Volume:</b> 0.25 mL	
332	<b>MVista</b> <sup>®</sup> <i>Pythium</i> IgG Antibody EIA Canine and Feline	<b>Specimen:</b> Serum, plasma <b>Anticoagulant:</b> Heparin, EDTA, NaCit <b>Container:</b> Separator or transfer tube <b>Volume:</b> 0.25 mL	<b>Stability:</b> RT=30 days, RF=30 days, FZ=30 days <b>Shipping:</b> Overnight or 2 <sup>nd</sup> day - ambient or with cold pack <b>Turnaround Time:</b> 1-3 days
THERAPEUTIC DRUG MONITORING			
Code	Test	Requirements	Notes
312	<b>MVista</b> <sup>®</sup> Itraconazole Bioassay	<b>Specimen:</b> Serum <b>Uncommon Specimen*:</b> CSF <b>Container:</b> Separator or transfer tube <b>Volume:</b> 0.25 mL	<b>Interfering Substance:</b> Other antifungals can cause falsely high results. Stop these at least 1 week before obtaining sample. <b>Stability:</b> RT=7 days, RF=7 days, FZ=7 days <b>Shipping:</b> Overnight or 2 <sup>nd</sup> day – with cold pack <b>Turnaround Time:</b> 1-7 days <i>Drug levels should be measured after steady-state (at least 2 weeks in dogs &amp; 3 weeks in cats). It is recommended, but not required (due to long half-life), to collect blood sample at trough time (as close to next dose as possible).</i>
Patient's identification must be visible on the specimen container. Specimens with particulate matter or viscosity that do not allow the specimen to be pipetted will be rejected. *Uncommon specimen includes incomplete validation. A 'rare specimen' note will appear on the final report. RT=Room temperature; RF=Refrigeration; FZ=Frozen; EIA=Enzyme Immunoassay			