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| **310** | **MVista** \(^\text{®} \) *Histoplasma Ag Quantitative EIA* |  **Specimen:** Urine, serum, plasma, CSF, BAL  
**Anticoagulant:** Heparin, EDTA, NaCit |  **Cross Reactivity/False Positive:**  
*Very High:* Blastomycosis, Histoplasma, Paracoccidioides and Talaromyces (talaromycosis, previously penicilliosis)  
*Moderate:* Coccidioides  
*Rare:* Aspergillus  
*None:* Cryptococcus  
**Stability:** RT=2 weeks, RF=2 weeks, FZ=indefinite  
**Shipping:** Overnight or 2\(^{\text{nd}}\) day - ambient  
**Test Setup:** Histo & Blasto: Monday-Saturday; Cocio: Monday-Friday  
**Results released:** 24-48 hours |
| **316** | **MVista** \(^\text{®} \) *Blastomyces Ag Quantitative EIA* |  **Container:** Serum in separator or transfer tube. Urine, CSF and BAL in a leak-proof container.  
**Volume:** Serum/plasma 1.2 mL, CSF 0.8 mL, Urine and BAL 0.5 mL |  **Cross Reactivity/False Positive:**  
*Plasmalyte\(^\text{®} \) (gluconate containing fluid) or penicillin antibiotics*  
*High:* Alternaria, Fusarium, Geotrichum, Paecilomyces  
*Low:* Coccidioides, Cryptococcus, Blastomycosis, Histoplasma  
**Stability:** RT=48 hours, RF=5 days, FZ=5 months  
**Shipping:** Overnight or 2\(^{\text{nd}}\) day – ambient or with cold pack  
**Test Setup:** Monday-Friday  
**Results released:** 24-48 hours |
| **315** | **MVista** \(^\text{®} \) *Coccidioides Ag Quantitative EIA* |  **Specimen:** Urine, serum, CSF, BAL  
**Container:** Serum in separator or transfer tube. Urine, CSF and BAL in a leak-proof container.  
**Volume:** 0.8 mL |  **Cross Reactivity/False Positive:**  
*Plasmalyte\(^\text{®} \) (gluconate containing fluid) or penicillin antibiotics*  
*High:* Alternaria, Fusarium, Geotrichum, Paecilomyces  
*Low:* Coccidioides, Cryptococcus, Blastomycosis, Histoplasma  
**Stability:** RT=48 hours, RF=5 days, FZ=5 months  
**Shipping:** Overnight or 2\(^{\text{nd}}\) day – ambient or with cold pack  
**Test Setup:** Monday-Friday  
**Results released:** 24-48 hours |
| **309** | Aspergillus Galactomannan EIA |  **Specimen:** Urine, serum, CSF, BAL  
**Container:** Serum in separator or transfer tube. Urine, CSF and BAL in a leak-proof container.  
**Volume:** 0.8 mL |  **Interfering Substance:** Turbid or grossly discolored samples due to lipid, bilirubin, or hemolysis. Significantly elevated immunoglobulin concentrations.  
**Cross Reactivity/False Positive:**  
*Hemodialysis*  
*Penicillin antibiotics*  
*Fractionated blood products (serum albumin and immunoglobulins)*  
*Specimens exposed to gauze or paper wipes*  
**Stability:** RF=5 days, FZ=indefinite  
**Shipping:** Overnight with cold pack  
**Test Setup:** Monday-Friday  
**Results released:** 24-48 hours |
| **317** | (1→3)-β-D-Glucan Colorimetric Assay |  **Specimen:** Serum, CSF  
**Container:** Serum in serum separator or sterile plastic tube. CSF in a leak-proof, sterile plastic tube.  
**Volume:** 0.25 mL |  **Interfering Substance:** Severe elevation of Immunoglobulin concentrations such as seen with multiple myeloma.  
**Cross Reactivity/False Positive:** Low: Trichosporon (trichosporonosis)  
**Stability:** RT=7 days, RF=2 months, FZ=2 months  
**Shipping:** Overnight or 2\(^{\text{nd}}\) day – ambient or with cold pack  
**Tests Setup:** Monday-Saturday  
**Results released:** 24 hours |
| **319** | Cryptococcal Antigen Latex Agglutination |  **Specimen:** Serum, CSF  
**Container:** Serum in serum separator or transfer tube. CSF in leak-proof container.  
**Volume:** 0.25 mL |  **Interfering Substance:** Severe elevation of Immunoglobulin concentrations such as seen with multiple myeloma.  
**Cross Reactivity/False Positive:** Low: Trichosporon (trichosporonosis)  
**Stability:** RT=7 days, RF=2 months, FZ=2 months  
**Shipping:** Overnight or 2\(^{\text{nd}}\) day – ambient or with cold pack  
**Tests Setup:** Monday-Saturday  
**Results released:** 24 hours |
### Antibody Detection

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| 320  | *Coccidioides* Antibody by Immunodiffusion | Specimen: Serum | **Cross Reactivity/False Positive:** Moderate to Low: *Blastomyces, Histoplasma, Coccidioides*, and *Aspergillus*  
**Stability:** RT=28 days, RF=6 months, FZ=indefinite  
**Shipping:** Overnight - with cold pack  
**Test Setup:** Tuesday & Friday  
**Results released:** Positive: 24 hours; Negative: 72 hours |
| 321  | *Histoplasma* Antibody by Immunodiffusion | Uncommon Specimen*: CSF, plasma  
**Container:** Separator or transfer tube  
**Volume:** 0.25 mL | |
| 322  | *Blastomyces* Antibody by Immunodiffusion |  
**Container:** Separator or transfer tube  
**Volume:** 0.25 mL | |
| 324  | *Aspergillus* Antibody by Immunodiffusion |  
**Container:** Separator or transfer tube  
**Volume:** 0.25 mL | |
| 327  | MVista® *Histoplasma* Canine IgG Antibody EIA | Specimen: Serum | **Cross-reactivity/False Positives:** Low: *Histoplasma, Blastomyces*, and *Coccidioides* (true positives are considerably higher than cross-reactive results)  
**Stability:** RT=28 days, RF=6 months, FZ=indefinite  
**Shipping:** Overnight or 2nd day - ambient or with cold pack  
**Test Setup:** Canine: Wednesday & Friday; Feline: Tuesday & Thursday  
**Results released:** 24 hours |
| 328  | MVista® *Histoplasma* Feline IgG Antibody EIA | Uncommon Specimen*: CSF, plasma  
**Anticoagulant:** Heparin, EDTA, NaCit  
**Container:** Separator or transfer tube  
**Volume:** 0.25 mL | |
| 329  | MVista® *Coccidioides* Canine IgG Antibody EIA |  
**Container:** Separator or transfer tube  
**Volume:** 0.25 mL | |
| 330  | MVista® *Blastomyces* Canine IgG Antibody EIA |  
**Container:** Separator or transfer tube  
**Volume:** 0.25 mL | |

### Therapeutic Drug Monitoring

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| 312  | MVista® Itraconazole | Specimen: Serum, plasma  
**Anticoagulant:** Heparin, EDTA (No NaCit)  
**Container:** Separator or transfer tube  
**Volume:** 0.25 mL | **Interfering Substance:** Other antifungals can cause falsely high results. Stop these at least 1 week before obtaining sample.  
**Stability:** RT=7 days, RF=7 days, FZ=7 days  
**Shipping:** Overnight or 2nd day - ambient or with cold pack  
**Test Setup:** Wednesday  
**Results released:** 24 hours  
*Drug levels should be measured after steady-state (at least 2 weeks in dogs & 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).* |

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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