

Veterinary Test Menu

ANTIGEN DETECTION			
Code	Test	Requirements	Notes
310	MVista® Histoplasma Antigen EIA	Specimen: Urine, serum, plasma, CSF, BAL Anticoagulant: Heparin, EDTA, NaCit Container: Serum in separator or transfer tube. Urine, CSF and BAL in a leak-proof container. Volume: 0.8 mL	Cross Reactivity/False Positive: <ul style="list-style-type: none"> Very High: <i>Blastomyces</i>, <i>Histoplasma</i>, <i>Paracoccidioides</i>, and <i>Talaromyces</i> (talaromycosis, previously penicilliosis) Moderate: <i>Coccidioides</i> Rare: <i>Aspergillus</i> None: <i>Cryptococcus</i> Stability: <ul style="list-style-type: none"> Histo: 2 weeks RT/RF, Indefinitely FZ Blasto: 2 weeks RT/RF, 60 days FZ Cocci: 28 days RT/RF, 60 days FZ Shipping: Overnight or 2 nd day – ambient Turnaround Time: Blasto: 8-24 hours, Histo/Cocci: 12-24 hours
316	MVista® Blastomyces Antigen EIA		
315	MVista® Coccidioides Antigen EIA		
309	<i>Aspergillus</i> Antigen EIA	Specimen: Urine, serum, plasma, CSF, BAL Anticoagulant: EDTA Container: Serum in separator or transfer tube. Urine, CSF and BAL in a leak-proof container. Volume: 0.4 mL	Cross Reactivity/False Positive: <ul style="list-style-type: none"> Certain gluconate containing fluids (Vetivex pHLyte; NOT Plasmalyte or Norm-R) Potentially penicillin antibiotics High: <i>Alternaria</i>, <i>Fusarium</i>, <i>Geotrichum</i>, <i>Paecilomyces</i> Low: <i>Coccidioides</i>, <i>Cryptococcus</i>, <i>Blastomyces</i>, <i>Histoplasma</i> Stability: RT=48 hours, RF=5 days, FZ=5 months Shipping: Overnight or 2 nd day – with cold pack Turnaround Time: 12-24 hours
317	β-D-Glucan Antigen Colorimetric Assay	Specimen: Serum, Uncommon Specimen: CSF Container: Serum in separator or sterile plastic tube. CSF in a leak-proof, sterile plastic tube. Volume: 0.25 mL	Interfering Substance: Turbid or grossly discolored samples due to lipid, bilirubin, or hemolysis. Significantly elevated immunoglobulin concentrations. Cross Reactivity/False Positive: <ul style="list-style-type: none"> 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 Turnaround Time: 12-24 hours
319	<i>Cryptococcus</i> Antigen Latex Agglutination	Specimen: Serum, CSF Container: Serum in separator or transfer tube. CSF in leak-proof container. Volume: 0.25 mL	Interfering Substance: Severely elevated immunoglobulin concentrations such as seen with multiple myeloma. Cross Reactivity/False Positive: Low: <i>Trichosporon</i> (trichosporonosis) Stability: RT=7 days, RF=2 months, FZ=2 months Shipping: Overnight or 2 nd day – ambient or with cold pack Turnaround Time: 12-24 hours

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ANTIBODY DETECTION			
Code	Test	Requirements	Notes
320	<i>Coccidioides</i> Antibody by Immunodiffusion	Specimen: Serum	Cross Reactivity/False Positive: Moderate to Low: <i>Blastomyces</i> , <i>Histoplasma</i> , <i>Coccidioides</i> , and <i>Aspergillus</i> Stability: RT=28 days, RF=6 months, FZ=indefinite Shipping: Overnight - with cold pack Turnaround Time: 72 hours from set up
321	<i>Histoplasma</i> Antibody by Immunodiffusion	Uncommon Specimen: CSF, plasma	
322	<i>Blastomyces</i> Antibody by Immunodiffusion	Container: Separator or transfer tube	
324	<i>Aspergillus</i> Antibody by Immunodiffusion	Volume: 0.25 mL	
327	MVista® <i>Histoplasma</i> Canine IgG Antibody EIA	Specimen: Serum Uncommon Specimen: CSF, plasma	Cross-reactivity/False Positives: Low: <i>Histoplasma</i> , <i>Blastomyces</i> , and <i>Coccidioides</i> (true positives are considerably higher than cross-reactive results) Stability: RT=28 days, RF=6 months, FZ=indefinite Shipping: Overnight or 2 nd day - ambient or with cold pack Turnaround Time: 24-48 hours
328	MVista® <i>Histoplasma</i> Feline IgG Antibody EIA	Anticoagulant: Heparin, EDTA, NaCit	
329	MVista® <i>Coccidioides</i> Canine IgG Antibody EIA	Container: Separator or transfer tube	
330	MVista® <i>Blastomyces</i> Canine IgG Antibody EIA	Volume: 0.25 mL	
332	MVista® <i>Pythium</i> IgG Antibody EIA Canine and Feline	Specimen: Serum, plasma Anticoagulant: Heparin, EDTA, NaCit Container: Separator or transfer tube Volume: 0.25 mL	Stability: RT=30 days, RF=30 days, FZ=30 days Shipping: Overnight or 2 nd day - ambient or with cold pack Turnaround Time: 12-24 hours
THERAPEUTIC DRUG MONITORING			
Code	Test	Requirements	Notes
312	MVista® Itraconazole Bioassay	Specimen: Serum Uncommon Specimen: CSF 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= 10 days, RF= 10 days, FZ= Indefinite Shipping: Overnight or 2 nd day – with cold pack Turnaround Time: Reported on Thursdays <i>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).</i>

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MOLECULAR DETECTION			
Code	Test	Requirements	Notes
403	MVista® Histoplasma DNA, PCR	Specimen: BAL or Cavitary Effusion Uncommon Specimen: Tracheal aspirate or bronch wash Container: Transfer tube Volume: 0.5 mL	Stability: RT=30 days, RF=30 days, FZ=30 days Shipping: Samples may be shipped on dry ice, frozen ice packs, or ambient. Turnaround Time: 24-48 hours
404	MVista® Blastomyces DNA, PCR	Specimen: BAL or Cavitary Effusion Uncommon Specimen: Tracheal aspirate or bronch wash Container: Transfer tube Volume: 0.5 mL	Stability: RT=30 days, RF=30 days, FZ=30 days Shipping: Samples may be shipped on dry ice, frozen ice packs, or ambient. Turnaround Time: 24-48 hours
405	MVista® Coccidioides DNA, PCR	Specimen: BAL or Cavitary Effusion Uncommon Specimen: Tracheal aspirate or bronch wash Container: Transfer tube Volume: 0.5 mL	Stability: RT=30 days, RF=30 days, FZ=30 days Shipping: Samples may be shipped on dry ice, frozen ice packs, or ambient. Turnaround Time: 24-48 hours
406	MVista® Pneumocystis Canine DNA, PCR	Specimen: BAL Uncommon Specimen: Tracheal aspirate or bronch wash Container: Transfer tube Volume: 0.5 mL	Stability: RT=21 days, RF=21 days, FZ=30 days Shipping: Samples may be shipped on dry ice, frozen ice packs, or ambient. Turnaround Time: 24-48 hours
PANELS			
Code	Test	Requirements	Notes
900	MVista® Feline Fungal Panel, Extended	Specimen: Urine and Serum Container: Separator or transfer tube Volume: 1 mL of each urine and serum	Included Tests and Samples^{#1}: Histo 310 (UR); Crypto 319 (SER); Cocci 320 (SER); Asper 309 (SER) Stability: RT=2 weeks urine, 2 days serum; RF=2 weeks urine, 5 days serum; FZ=2 months Shipping: Overnight or 2 nd day – ambient or with cold pack Turnaround Time: 1-6 days
901	MVista® Canine Fungal Panel West [^] , Extended	Specimen: Urine and Serum Container: Separator or transfer tube Volume: 1 mL of each urine and serum	Included Tests and Samples^{#1}: Histo 310 (UR); Cocci 329 (SER); Asper 309 (SER); Crypto 319 (SER) Stability: RT=2 weeks urine, 2 days serum; RF=2 weeks urine, 5 days serum; FZ=2 months Shipping: Overnight or 2 nd day – ambient or with cold pack Turnaround Time: 1-2 days
902	MVista® Canine Fungal Panel East [^] , Extended	Specimen: Urine and Serum Container: Separator or transfer tube Volume: 1 mL of each urine and serum	Included Tests and Samples^{#1}: Blasto 316 (UR); Cocci 329 (SER); Asper 309 (SER); Crypto 319 (SER) Stability: RT=2 weeks urine, 2 days serum; RF=2 weeks urine, 5 days serum; FZ=2 months Shipping: Overnight or 2 nd day – ambient or with cold pack Turnaround Time: 1-2 days
903	MVista® Feline Fungal Panel	Specimen: Urine and Serum Container: Separator or transfer tube Volume: 0.5 mL each of urine and serum	Included Tests and Samples^{#1}: Histo 310 (UR); Crypto 319 (SER); Cocci 320 (SER) Stability: RT=2 weeks urine, 7 days serum; RF=2 weeks; FZ=2 months Shipping: Overnight or 2 nd day – ambient or with cold pack Turnaround Time: 1-6 days

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904	MVista® Canine Fungal Panel West^	Specimen: Urine and Serum Container: Separator or transfer tube Volume: 0.5 mL urine and 0.75 mL of serum	Included Tests and Samples^{#1}: Histo 310 (UR); Cocci 329 (SER); Asper 309 (SER) Stability: RT=2 weeks urine, 2 days serum; RF=2 weeks urine, 5 days serum; FZ=5 months Shipping: Overnight or 2 nd day – ambient or with cold pack Turnaround Time: 1-2 days
905	MVista® Canine Fungal Panel East^	Specimen: Urine and Serum Container: Separator or transfer tube Volume: 0.5 mL urine and 0.75 mL of serum	Included Tests and Samples^{#1}: Blasto 316 (UR); Crypto 319 (SER); Asper 309 (SER) Stability: RT=2 weeks urine, 2 days serum; RF=2 weeks urine, 5 days serum; FZ=5 months Shipping: Overnight or 2 nd day – ambient or with cold pack Turnaround Time: 1-2 days
906	MVista® Pulmonary Fungal PCR Panel	Specimen: BAL or Cavitary Effusion Uncommon Specimen: Tracheal aspirate or bronch wash Container: Transfer tube Volume: 0.5 mL	Included Tests: Histo 403, Blasto 404, Cocci 405, Pneumo 406 Stability: RT=21 days, RF=21 days, FZ=30 days Shipping: Samples may be shipped on dry ice, frozen ice packs, or ambient. Turnaround Time: 24-48 hours
907	MVista® Feline Fungal Panel East^	Specimen: Urine and Serum Container: Separator or transfer tube Volume: 0.5 mL urine and 0.75 mL of serum	Included Tests and Samples^{#1}: Crypto 319 (SER); Histo 310 (UR); Asper 309 (SER) Stability: RT=2 weeks urine, 2 days serum; RF=2 weeks urine, 5 days serum; FZ=5 months Shipping: Overnight or 2 nd day – ambient or with cold pack Turnaround Time: 1-6 days
908	MVista® Canine Fungal Panel, Comprehensive	Specimen: Urine and Serum Container: Separator or transfer tube Volume: 0.5 mL urine and 1.75 mL of serum	Included Tests and Samples^{#1}: Blasto 316 (UR); Asper 309 (SER); Crypto 319 (SER); Cocci 329 (SER); Histo 327 (SER); Blasto 330 (SER); Cocci 320 (SER) Stability: RT=2 weeks urine, 2 days serum; RF=2 weeks urine, 5 days serum; FZ=5 months Shipping: Overnight or 2 nd day – ambient or with cold pack Turnaround Time: 1-6 days
909	MVista® Feline Fungal Panel, Comprehensive	Specimen: Urine and Serum Container: Separator or transfer tube Volume: 0.5 mL urine and 1.25 mL of serum	Included Tests and Samples^{#1}: Histo 310 (UR); Asper 309 (SER); Crypto 319 (SER); Histo 328 (SER); Cocci 320 (SER) Stability: RT=2 weeks urine, 2 days serum; RF=2 weeks urine, 5 days serum; FZ=5 months Shipping: Overnight or 2 nd day – ambient or with cold pack Turnaround Time: 1-6 days
910	MVista® Canine Blastomycosis Panel	Specimen: Urine and Serum Container: Separator or transfer tube Volume: 0.5 mL urine and 0.5 mL of serum	Included Tests and Samples^{#1}: Blasto 316 (UR); Blasto 330 (SER) Stability: RT=2 weeks urine, 2 weeks serum; RF=2 weeks urine, 2 weeks serum; FZ=2 months urine, indefinite serum Shipping: Overnight or 2 nd day – ambient or with cold pack Turnaround Time: 1-6 days
911	MVista® Canine Histoplasmosis Panel	Specimen: Urine and Serum Container: Separator or transfer tube Volume: 0.5 mL urine and 0.5 mL of serum	Included Tests and Samples^{#1}: Histo 310 (UR); Histo 327 (SER) Stability: RT=2 weeks urine, 2 weeks serum; RF=2 weeks urine, 2 weeks serum; FZ=indefinite Shipping: Overnight or 2 nd day – ambient or with cold pack Turnaround Time: 1-6 days
912	MVista® Canine Coccidioidomycosis Panel	Specimen: Serum Container: Separator or transfer tube Volume: 0.5 mL of serum	Included Tests and Samples^{#1}: Cocci 329 (SER); Cocci 320 (SER) Stability: RT= 28 days; RF=6 months; FZ=indefinite Shipping: Overnight or 2 nd day – ambient or with cold pack Turnaround Time: 1-6 days

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913	MVista® Feline Histoplasmosis Panel	Specimen: Urine and Serum Container: Separator or transfer tube Volume: 0.5 mL urine and 0.5 mL of serum	Included Tests and Samples^{#1}: Histo 310(UR); Histo 328(SER) Stability: RT=2 weeks urine, 2 weeks serum; RF=2 weeks urine, 2 weeks serum; FZ=indefinite Shipping: Overnight or 2 nd day – ambient or with cold pack Turnaround Time: 1-6 days
914	MVista® Canine & Feline Mold-Hyphae Panel	Specimen: Serum Container: Separator or transfer tube Volume: 1 mL of serum	Included Tests and Samples^{#1}: Asper 309 (SER); Beta-D-Glucan 317 (SER); Pythium 332 (SER) Stability: RF= 5 days; FZ= 1 month Shipping: Overnight or 2 nd day – ambient or with cold pack Turnaround Time: 1-6 days
915	MVista® Canine & Feline Fungal Nasal Panel	Specimen: Serum Container: Separator or transfer tube Volume: 0.5 mL of serum	Included Tests and Samples^{#1}: Crypto 319 (SER); Asper 324 (SER) Stability: RT=7 days; RF=28 days; FZ=2 months Shipping: Overnight or 2 nd day – ambient or with cold pack Turnaround Time: 1-6 days
916	MVista® Canine Fungal GI Panel	Specimen: Urine and Serum Container: Separator or transfer tube Volume: 0.5 mL urine and 0.5 mL of serum	Included Tests and Samples^{#1}: Histo 310 (UR); Histo 327 (SER); Pythium 332 (SER) Stability: RT=2 weeks urine, 28 days serum; RF=2 weeks urine, 30 days serum; FZ= 30 days Shipping: Overnight or 2 nd day – ambient or with cold pack Turnaround Time: 1-6 days
917	MVista® Feline Fungal GI Panel	Specimen: Urine and Serum Container: Separator or transfer tube Volume: 0.5 mL urine and 0.5 mL of serum	Included Tests and Samples^{#1}: Histo 310(UR); Histo 328(SER); Pythium 332(SER) Stability: RT=2 weeks urine, 28 days serum; RF=2 weeks urine, 30 days serum; FZ= 30 days Shipping: Overnight or 2 nd day – ambient or with cold pack Turnaround Time: 1-6 days
918	MVista® Canine Fungal Bone Panel East^	Specimen: Urine and Serum Container: Separator or transfer tube Volume: 0.5 mL urine and 0.75 mL of serum	Included Tests and Samples^{#1}: Blasto 316 (UR); Blasto 330 (SER); Histo 327 (SER); Asper 309 (SER) Stability: RT=2 weeks urine, 2 days serum; RF=2 weeks urine, 5 days serum; FZ=5 months Shipping: Overnight or 2 nd day – ambient or with cold pack Turnaround Time: 1-6 days
919	MVista® Canine Fungal Bone Panel West^	Specimen: Urine and Serum Container: Separator or transfer tube Volume: 0.5 mL urine and 0.75 mL of serum	Included Tests and Samples^{#1}: Histo 310 (UR); Cocci 329 (SER); Histo 327 (SER); Asper 309 (SER) Stability: RT=2 weeks urine, 2 days serum; RF=2 weeks urine, 5 days serum; FZ=2 months Shipping: Overnight or 2 nd day – ambient or with cold pack Turnaround Time: 1-6 days
920	MVista® Feline Fungal Bone Panel West^	Specimen: Urine and Serum Container: Separator or transfer tube Volume: 0.5 mL urine and 0.75 mL of serum	Included Tests and Samples^{#1}: Histo 310 (UR); Cocci 320 (SER); Histo 328 (SER); Asper 309 (SER) Stability: RT=2 weeks urine, 2 days serum; RF=2 weeks urine, 5 days serum; FZ=5 months Shipping: Overnight or 2 nd day – ambient or with cold pack Turnaround Time: 1-6 days
921	MVista® Feline Fungal Bone Panel East^	Specimen: Urine and Serum Container: Separator or transfer tube Volume: 0.5 mL urine and 0.5 mL of serum	Included Tests and Samples^{#1}: Histo 310 (UR); Histo 328 (SER); Asper 309 (SER) Stability: RT=2 weeks urine, 2 days serum; RF=2 weeks urine, 5 days serum; FZ=5 months Shipping: Overnight or 2 nd day – ambient or with cold pack Turnaround Time: 1-6 days
922	MVista® Canine Fungal Eye Panel West^	Specimen: Urine and Serum Container: Separator or transfer tube Volume: 0.5 mL urine and 1 mL of serum	Included Tests and Samples^{#1}: Histo 310 (UR); Cocci 329 (SER); Histo 327 (SER); Asper 309 (SER); Crypto 319 (SER) Stability: RT=2 weeks urine, 2 days serum; RF=2 weeks urine, 5 days serum; FZ=2 months Shipping: Overnight or 2 nd day – ambient or with cold pack Turnaround Time: 1-6 days

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923	MVista® Canine Fungal Eye Panel East^	Specimen: Urine and Serum Container: Separator or transfer tube Volume: 0.5 mL urine and 1 mL of serum	Included Tests and Samples#1: Blasto 316 (UR); Blasto 330 (SER); Histo 327 (SER); Asper 309 (SER); Crypto 319 (SER) Stability: RT=2 weeks urine, 2 days serum; RF=2 weeks urine, 5 days serum; FZ=2 months Shipping: Overnight or 2 nd day – ambient or with cold pack Turnaround Time: 1-6 days
924	MVista® Feline Fungal Eye Panel West^	Specimen: Urine and Serum Container: Separator or transfer tube Volume: 0.5 mL urine and 1 mL of serum	Included Tests and Samples#1: Histo 310 (UR); Cocci 320 (SER); Crypto 319 (SER); Histo 328 (SER); Asper 309 (SER) Stability: RT=2 weeks urine, 2 days serum; RF=2 weeks urine, 5 days serum; FZ=2 months Shipping: Overnight or 2 nd day – ambient or with cold pack Turnaround Time: 1-6 days
925	MVista® Feline Fungal Eye Panel East^	Specimen: Urine and Serum Container: Separator or transfer tube Volume: 0.5 mL urine and 0.75 mL of serum	Included Tests and Samples#1: Histo 310 (UR); Histo 328 (SER); Crypto 319 (SER); Asper 309 (SER) Stability: RT=2 weeks urine, 2 days serum; RF=2 weeks urine, 5 days serum; FZ=2 months Shipping: Overnight or 2 nd day – ambient or with cold pack Turnaround Time: 1-6 days

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.

Turnaround times are provided as ranges and may vary depending on daily testing volumes and specimen type.

Test set up: Samples received by 10:30AM will have same day test set up. Positive samples may require confirmation which could extend TAT. Serum & CSF specimens are pretreated to improve sensitivity which can add one day to TAT. Refer to Test Schedule for more information on Set Up times.

#Disclaimer There is high cross-reactivity between Histo 310 & Blasto 316 so these are not included in the same panel.

1Disclaimer Secondary sample type will be used if insufficient volume of primary sample type.

^West = All states and Canada West of the Rockies also including TX, OK, KS, NE. **East** = all remaining states and Canada East of the Rockies.

RT=Room temperature; RF=Refrigeration; FZ=Frozen; EIA=Enzyme Immunoassay