

Veterinary Test Menu

ANTIGEN DETECTION				
Test Code	Test Name	Specimen Requirements	Interfering Substances	Cross-Reactivities
310	MVista® <i>Histoplasma</i> Ag Quantitative EIA	Acceptable Specimen: Urine, serum, CSF, BAL and plasma	Sodium hydroxide if used to liquify thick BAL specimens and Sputolysin.	Complete: (>98%) blastomycosis and histoplasmosis High: (>80%) paracoccidioidomycosis <i>Talaromyces</i> (penicilliosis) <i>marneffeii</i> Low (10%) coccidioidomycosis Rare: (<5%) aspergillosis none: cryptococcosis
316	MVista® <i>Blastomyces</i> Ag Quantitative EIA	Acceptable Container: Serum in serum separator tube or transfer tube Urine, CSF & BAL in a leak-proof container.		
315	MVista® <i>Coccidioides</i> Ag Quantitative EIA	Volume: CSF 1mL, all other fluids 2mL		
309	<i>Aspergillus</i> Galactomannan EIA	Acceptable Specimen: Urine, serum, CSF, BAL Acceptable Container: Serum in serum separator tube or transfer tube Urine, CSF & BAL in a leak-proof container. Volume: CSF 1mL, all other fluids 2mL	PLASMA-LYTE or other fluids containing sodium gluconate On file at MiraVista Diagnostics See Wheat <i>Aspergillus</i> publication	High: <i>Penicillium</i> , <i>Alternaria</i> , <i>Fusarium</i> , <i>Geotrichum</i> , <i>Paecilomyces</i> Low: <i>Histoplasma</i> , <i>Blastomyces</i> BAL: airway colonization with above organisms.
317	(1→3)-β-D-Glucan Colorimetric Assay	Acceptable Specimen: Serum, CSF Acceptable Container: Serum in serum separator tube or transfer tube, CSF in a leak-proof container. Pipette into a suitable container that is free of interfering levels of (1→3)-β-D-Glucan. Volume: CSF 1mL, Serum 2mL	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. See the package insert.	
319	Cryptococcal Antigen, Latex Agglutination	Acceptable Specimen: Serum, CSF Acceptable Container: Serum in serum separator tube or transfer tube, CSF in leak-proof container. Volume: CSF 1mL, Serum 2mL		Trichosporonosis

ANTIBODY DETECTION				
Test Code	Test Name	Specimen Requirements	Interfering Substances	Cross-Reactivities
320	<i>Coccidioides</i> Antibody, by Immunodiffusion *	Acceptable Specimen: Serum Acceptable Container: Serum in serum separator tube or transfer tube Volume: = 2mL *Positive samples will automatically reflex to a titer.		
321	<i>Histoplasma</i> Antibody by Immunodiffusion			
322	<i>Blastomyces</i> Antibody by Immunodiffusion			
324	<i>Aspergillus</i> Antibody, by Immunodiffusion			
327	MVista® <i>Histoplasma</i> Canine IgG Antibody EIA	Acceptable Specimen: Serum, CSF Acceptable Container: Serum in serum separator tube or transfer tube. CSF in a leak-proof container Volume = CSF 1mL, Serum 2mL		Cross-reactivity with <i>Histoplasma</i> , <i>Blastomyces</i> , and <i>Coccidioides</i> may occur in up to one third of cases but usually true positive results are considerably higher than the cross-reactive results.
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	Interfering Substances	Cross-Reactivities
312	MVista® Itraconazole	Acceptable Specimen: Serum, Plasma Acceptable Container: Serum in serum separator tube or transfer tube. Volume = 2mL <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>	Other antifungal medications may cause falsely high results. Stop antifungal medications at least one week before obtaining the specimen for itraconazole blood level.	
Patient's identification <u>must</u> be visible on the specimen container. Specimens with particulate matter or viscosity that would not allow the specimen to be pipetted will be rejected.				