

# Test Menu

## Antigen Detection

Test Code	Test Name	CPT Code	Specimen Requirements	Specimen Rejection	Shipping	Interfering Substances & Cross-Reactions	Test Set-Up
310	MVista® <i>Histoplasma</i> Ag Quantitative EIA	87385	<b>Acceptable Specimen:</b> 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. <b>Specimen Stability:</b> <b>Histo, Blasto, Cocci:</b> 2 weeks RT/RF, indefinite if FZ. <b>Minimum Volume:</b> 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 <sup>nd</sup> 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, penicilliosis, coccidioidomycosis, aspergillosis and sporotrichosis.	<b>Mon-Fri</b>  <b>TAT</b> Rec'd before 10:30am: 8-24hrs  Rec'd after 10:30am: 24-48hrs  Positive samples may require confirmation which could extend TAT.
316	MVista® <i>Blastomyces</i> Ag Quantitative EIA	87449					
315	MVista® <i>Coccidioides</i> Ag Quantitative EIA	87449					
309	<i>Aspergillus</i> Galactomannan EIA	87305	<b>Acceptable Specimen:</b> Serum separated from the clot in a leak-proof container. CSF & BAL in sterile leak-proof container. <b>Specimen Stability:</b> 48hrs RT, 5 days RF or up to 5 months FZ. <b>Minimum volume:</b> Serum, 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.	Piperacillin-tazobactam, PLASMA-LYTE or other fluids containing sodium gluconate. Patients must be off Plasma-Lyte for at least 3 days before collection of specimen for <i>Aspergillus</i> Ag testing. Infection with <i>Penicillium</i> , <i>Alternaria</i> , <i>Fusarium Geotrichum</i> , <i>Paecilomyces</i> , <i>Histoplasma</i> , <i>Blastomyces</i> ; or airway colonization with above organisms.	Test Codes 310,316,315: Serum & CSF specimens are pre-treated to improve accuracy. This adds 1 day to TAT.
317	(1→3)-β-D-Glucan Colorimetric Assay	87449	<b>Acceptable Specimen:</b> 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. Submit CSF in sterile leak-proof container. <b>Specimen Stability:</b> 5 days RF or longer if FZ. <b>Minimum Volume:</b> Serum & CSF = 0.2mL.	Lipemic, hemolyzed or icteric samples or any specimen type other than serum or CSF.	False-positive results may occur in hemodialysis patients, those receiving therapy with certain fractionated blood products such as serum albumin and immunoglobulins and in specimens of patients exposed to glucan-containing gauzes.	False-positive results may occur in patients with <i>Trichosporonosis</i> .	
319	Cryptococcal Antigen, Latex Agglutination	86403	<b>Acceptable Specimen:</b> Serum separated from the clot in a leak-proof container. CSF in sterile leak-proof container. <b>Specimen Stability:</b> 2 months RF/FZ <b>Minimum volume</b> = 0.25mL. <i>*Positive samples will automatically reflex to a titer.</i>	Specimen types other than serum or CSF.			

**Two unique patient identifiers required on specimen container.  
Specimens with particulate matter or viscosity that would not allow the specimen to be pipetted will be rejected.**

# Test Menu

Antibody Detection							
Test Code	Test Name	CPT Code	Specimen Requirements	Specimen Rejection	Shipping	Interfering Substances & Cross-Reactions	Test Set-Up
325	MVista® <i>Coccidioides</i> Antibody IgG, IgM EIA	86635 x2	<b>Acceptable Specimen:</b> 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. <b>Specimen Stability:</b> 14 days RF, 14 days FZ. <b>Minimum volume</b> = 0.5mL	Specimen types other than serum or CSF.	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.	8% cross reactivity with Blastomycosis. 36% cross reactivity with Histoplasmosis.	<b>Mon &amp; Thurs</b>  <b>TAT</b> Reported next day
326	MVista® <i>Histoplasma</i> Antibody IgG, IgM EIA	86698 x2	<b>Acceptable Specimen:</b> 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. <b>Specimen Stability:</b> 14 days RF, 14 days FZ. <b>Minimum volume</b> = 0.5mL	Specimen types other than serum or CSF.		12% cross reactivity with Blastomycosis. 24% cross reactivity with <i>Coccidioidomycosis</i> .	<b>Mon &amp; Thurs</b>  <b>TAT</b> Reported next day
321	<i>Histoplasma</i> Antibody, by Immunodiffusion	86698	<b>Acceptable Specimen:</b> Serum separated from the clot in a leak-proof container. <b>Specimen Stability:</b> 14 days RF, up to 6 months FZ. <b>Minimum volume</b> = 0.25mL per antibody	Specimen types other than serum.		C reactive protein present in the patient's serum may interfere with interpretation of results for <i>Aspergillus</i> Antibody.	<b>Tues &amp; Fri</b>  <b>TAT</b> 3 days from set up date
322	<i>Blastomyces</i> Antibody, by Immunodiffusion	86612					
320	<i>Coccidioides</i> Antibody, by Immunodiffusion	86635 x2					
324	<i>Aspergillus</i> Antibody, by Immunodiffusion	86606					
<p><b>Two unique patient identifiers required on specimen container.</b></p> <p><b>Specimens with particulate matter or viscosity that would not allow the specimen to be pipetted will be rejected.</b></p>							

**ABBREVIATIONS**

- TAT:** Turnaround time
- BAL:** Bronchial Lavage
- CSF:** Cerebral Spinal Fluid
- RF:** Refrigerated
- FZ:** Frozen
- RT:** Room Temperature, Ambient