
Lab Dept: Urine/Stool

Test Name: BLASTOMYCES ANTIGEN, URINE

General Information

Lab Order Codes: BAG

Synonyms: N/A

CPT Codes: 87449 – Infectious agent antigen detection by EIA technique

Test Includes: Urine Blastomyces Antigen level reported in ng/mL.

Logistics

Test Indications: Aid in diagnosis of disseminated or acute pulmonary blastomycosis.

Lab Testing Sections: Urine/Stool - Sendouts

Referred to: Mayo Medical Laboratories (MML Test: 91407/FBLAS forward to MiraVista Diagnostics)

Phone Numbers: MIN Lab: 612-813-6280

STP Lab: 651-220-6550

Test Availability: Daily, 24 hours, test performed Monday - Friday

Turnaround Time: 2 – 4 days

Special Instructions: Use sterile collection technique.

Specimen

Specimen Type: Urine, random

Other specimen types tested: Bronchoalveolar Lavage (BALF), Sterile Body Fluid, CSF, Serum, Plasma (EDTA, Heparin, Na Citrate)

Container: Sterile leak-proof container

Draw Volume: 2 mL (Minimum: 1 mL) urine or other acceptable specimen type

Processed Volume: Same as Draw Volume

Collection: Routine urine collection, or other appropriate collection technique. Maintain sterility during collection and forward promptly to the laboratory.

Special Processing: Lab Staff: Mix random urine sample well. Remove aliquot into a plastic, 13 mL urine tube. Store and ship at refrigerated temperatures. Forward promptly.

Other specimen types should be stored and shipped refrigerated in a screw-capped sterile vial.

Patient Preparation: None

Sample Rejection: Mislabeled or unlabeled specimens

Interpretive

Reference Range:	ng/mL	Result Interpretation
	None Detected	None Detected
	Results above the limit of detection, but below 0.2	Positive – Below the Limit of Quantification
	0.2 – 14.7	Reported as the actual result in ng/mL
	>14.7	Positive, Above the Limit of Quantification
Test performed by: MiraVista Diagnostics 444 Decatur Blvd., Suite 300 Indianapolis, IN 46241		

Critical Values: N/A

Limitations: Heterophile antibodies and rheumatoid factor can cause positive interference. Cross-reactions due to closely related antigenic epitopes are seen in patients with histoplasmosis, paracoccidioidomycosis, and penicilliosis. Rare cross-reactions have been seen in patients with aspergillosis and cryptococcosis.

Methodology: EIA (Enzyme Immunoassay)

References: [Mayo Medical Laboratories](#) May 2012

Updates:

7/2/2009: Added other specimen types (BALF, other sterile body fluids)

2/8/2011: Units change, previously reported as EIA Units. Reference range update.

5/15/2012: Note reference range interpretation update.

1/13/2015: Added plasma as a specimen type.