
Lab Dept: Serology

Test Name: BLASTOMYCES ANTIBODY, SERUM

General Information

Lab Order Codes: BAB

Synonyms: Blastomycosis; Immunodiffusion Serology for Fungi

CPT Codes: 86612 – Antibody; Blastomyces

Test Includes: Immunodiffusion testing for Blastomyces antibody.

Logistics

Test Indications: Useful for detection of antibodies in patients having blastomycosis.

Lab Testing Sections: Serology - Sendouts

Referred to: Mayo Medical Laboratories (Test# SBL)

Phone Numbers: MIN Lab: 612-813-6280

STP Lab: 651-220-6550

Test Availability: Daily, 24 hours

Turnaround Time: 2 - 5 days; test is set up Monday - Friday

Special Instructions: N/A

Specimen

Specimen Type: Blood

Container: Red top tube

Draw Volume: 1.5 mL (Minimum: 0.9 mL) blood

Processed Volume: 0.5 mL (Minimum: 0.3 mL) serum

Collection: Routine venipuncture

Special Processing: Lab Staff: Centrifuge specimen, remove serum aliquot and place into a screw-capped, round-bottom vial and refrigerate. Send refrigerated. Forward promptly.

Patient Preparation: None

Sample Rejection: Specimens other than serum; gross hemolysis; gross lipemia; mislabeled or unlabeled specimens

Interpretive

Reference Range:

Immunodiffusion:	Negative
Note: A positive immunodiffusion test is also indicative of infection. Interpretation: A positive result is suggestive of infection, but the results cannot distinguish between active disease and prior exposure. Routine culture of clinical specimens (eg, respiratory specimen) is recommended in cases of suspected, active blastomycosis.	

Critical Values: N/A

Limitations: The Mayo experience with the immunodiffusion test is that it is positive in fewer cases of blastomycosis, than the 70-85% reported elsewhere.
Patients with histoplasmosis may have low-titered cross reactions.

Methodology: Immunodiffusion

References: [Mayo Medical Laboratories](#) July 2013
Phone: 1-800-533-1710