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**Lab Dept:** Serology

**Test Name:** BLASTOMYCES ANTIBODY, SERUM

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***General Information***

**Lab Order Codes:** BAB

**Synonyms:** Blastomycosis; Immunodiffusion Serology for Fungi

**CPT Codes:** 86612 – Antibody; Blastomyces

**Test Includes:** Immunodiffusion testing for Blastomyces antibody.

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***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

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***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

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***Interpretive***

**Reference Range:**

<b>Immunodiffusion:</b>	Negative
<b>Note:</b> A positive immunodiffusion test is also indicative of infection. <b>Interpretation:</b> 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