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**Lab Dept:** Serology

**Test Name:** BLASTOMYCES ANTIBODY, CSF

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***General Information***

**Lab Order Codes:** BABC

**Synonyms:** Blastomyces Serology, CSF; Blastomyces Antibody, Spinal fluid

**CPT Codes:** 86612 x2 – Antibody; Blastomyces

**Test Includes:** Complement fixation and immunodiffusion testing

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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# CBL)

**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:** CSF

**Container:** Screw capped, sterile vial

**Draw Volume:** 0.5 mL (Minimum: 0.3 mL) CSF

**Processed Volume:** Same as Draw Volume

**Collection:** Routine CSF collection

**Special Processing:** Lab Staff: Store specimen refrigerated in a round-bottom, plastic vial. Send refrigerated. Forward promptly.

**Patient Preparation:** None

**Sample Rejection:** Specimens other than CSF, mislabeled or unlabeled samples

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***Interpretive***

**Reference Range:**

<b>Complement fixation:</b>	Negative Positives are reported in titer.
<b>Note:</b> Test is positive in <50% of proven cases and rare in central nervous system disease.	
<b>Immunodiffusion:</b>	Negative

**Critical Values:** N/A

**Limitations:** A negative result does not rule out blastomycosis..  
Patients with histoplasmosis may have low-titered cross reactions.

**Methodology:** Complement Fixation (CF)/Immunodiffusion

**References:** [Mayo Medical Laboratories](#) December 2014  
Phone: 1-800-533-1710