<table>
<thead>
<tr>
<th><strong>Lab Dept:</strong></th>
<th><strong>Serology</strong></th>
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<tbody>
<tr>
<td><strong>Test Name:</strong></td>
<td><strong>BLASTOMYCES ANTIBODY, CSF</strong></td>
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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

**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

**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

### Interpretive

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<th>Reference Range:</th>
<th>Complement fixation:</th>
<th>Negative</th>
<th>Positives are reported in titer.</th>
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<td><strong>Note:</strong> Test is positive in &lt;50% of proven cases and rare in central nervous system disease.</td>
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<tr>
<td>Immunodiffusion:</td>
<td>Negative</td>
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**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](https://www.mayomedicallaboratories.com) December 2014
Phone: 1-800-533-1710