
Lab Dept: Serology

Test Name: **BLASTOMYCES AB, EIA SERUM WITH CONFIRMATORY BY IMMUNODIFFUSION**

General Information

Lab Order Codes: BLAS

Synonyms: Blastomycosis; Fungal Serology

CPT Codes: 86612 – Blastomyces Ab, EIA, S
86612 – Blastomyces Ab, Immunodiffusion, S (if appropriate)

Test Includes: If result is equivocal or positive, Blastomyces antibody by immunodiffusion will be ordered at an additional charge.

Logistics

Test indications: Aiding in the diagnosis of blastomycosis.

Lab Testing Sections: Serology – Sendouts

Referred to: Mayo Medical Laboratories (MML Test: BLAST)

Phone Numbers: MIN Lab: 612-813-6280

STP Lab: 651-220-6550

Test Availability: Daily, 24 hours

Turnaround Time: 1 to 3 days

Special Instructions: [Meningitis/Encephalitis Panel Algorithm](#)

Specimen

Specimen Type: Blood

Container: Preferred: Serum gel (SST)
Alternate: Red top

Draw Volume: 3.0 mL (Minimum: 2.4 mL) blood

Processed Volume: 1.0 mL (Minimum 0.8 mL) serum

Collection:	Routine blood collection
Special Processing:	Lab Staff: Centrifuge specimen, remove serum aliquot and place into a screw-capped, round-bottom vial and refrigerate. Send refrigerated.
Patient Preparation:	None
Sample Rejection:	Specimens other than serum; gross hemolysis; gross lipemia; mislabeled or unlabeled specimens; heat inactivated specimen

Interpretive

Reference Range: Negative
Reference values apply to all ages.

Interpretation:

A positive result indicates that IgG and/or IgM antibodies to Blastomyces were detected. The presence of antibodies is presumptive evidence that the patient was or is currently infected with (or was exposed to) Blastomyces.

A negative result indicates that antibodies to Blastomyces were not detected. The absence of antibodies is presumptive evidence that the patient was not infected with Blastomyces. However, the specimen may have been obtained before antibodies were detectable or the patient may be immunosuppressed. If infection is suspected, another specimen should be collected 7 to 14 days later and submitted for testing.

Specimens testing positive or equivocal will be submitted for further testing by another conventional serologic test (eg, SBL / Blastomyces Antibody by Immunodiffusion, Serum).

Critical Values: N/A

Limitations: A negative result does not rule-out blastomycosis.

Cross-reactivity may occur with other fungal infections such as Aspergillus, Coccidioides, or Histoplasma.

Methodology: Enzyme Immunoassay (EIA)

References: [Mayo Medical Laboratories](#) October 2022