

Histoplasma/Blastomyces Panel, Spinal Fluid

Test ID: HIBC

Useful for:

Aiding in the diagnosis of histoplasmosis or blastomycosis meningitis

Profile Information:

Test ID	Reporting Name	Available Separately	Always Performed
HICSF	Histoplasma Ab CompFix/ImmDiff, CSF	Yes	Yes
CBL	Blastomyces Ab Immunodiffusion, CSF	Yes	Yes

Methods:

HICSF: Complement Fixation (CF)/Immunodiffusion (ID)

CBL: Immunodiffusion (ID)

Reference Values:

HISTOPLASMA ANTIBODY

Anti-Yeast antibody by Complement Fixation: Negative (positive results reported as titer)

Antibody by Immunodiffusion: Negative (positive results reported as titer)

BLASTOMYCES ANTIBODY IMMUNODIFFUSION

Negative

Specimen Requirements:

Container/Tube: Sterile vial

Specimen Volume: 1.5 mL

Collection Instructions: Submit specimen from collection vial 1

Minimum Volume: 1.0 mL

Specimen Stability Information:

Specimen Type	Temperature	Time
CSF	Refrigerated (preferred)	14 days
	Frozen	14 days

Cautions:

Histoplasma:

- Antibody levels may be low in spinal fluid in cases of Histoplasma meningitis.
- Histoplasmin skin tests yield specific antibodies in titratable quantity, and may cause difficulties in interpretation.
- Cross-reacting antibodies with coccidioidomycosis or blastomycosis may cause false-positive results for histoplasmosis.

Blastomyces:

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

CPT Code:

86698 x2

86612

Day(s) Performed:

Monday; 6 a.m. Tuesday through Friday; 9:30 a.m.

Report Available: 3 to 7 days**Questions**

Contact Dunisha Messmer, Laboratory Resource Coordinator at 800-533-1710.