

HOTLINE: Effective August 15, 2022

0050625

Histoplasma Antibodies by Complement Fixation

HISTO

Specimen Required: Collect: Serum separator tube.

Specimen Preparation: Separate serum from cells ASAP or within 2 hours of collection. Transfer 1 mL serum to an ARUP Standard Transport Tube. (Min: 0.4 mL) Parallel testing is preferred and convalescent specimens **must** be received within 30 days from receipt of acute specimens. **Mark specimens plainly as “acute” or “convalescent.”**

Storage/Transport Temperature: Refrigerated.

Unacceptable Conditions: Contaminated, **hemolyzed**, or severely lipemic specimens.

Stability (collection to initiation of testing): After separation from cells: Ambient: 48 hours; Refrigerated: 2 weeks; Frozen: 1 year (avoid repeated freeze/thaw cycles)

Reference Interval:

Test Number	Components	Reference Interval
	<i>Histoplasma</i> Mycelia Antibodies by CF	Less than 1:8
	<i>Histoplasma</i> Yeast Antibodies by CF	Less than 1:8

Interpretive Data:

A titer of 1:8 or greater is generally considered presumptive evidence of histoplasmosis. A titer of 1:32 or greater or rising titers indicate strong presumptive evidence of histoplasmosis. Cross-reactions, usually at lower titers, may occur with other fungal disease.

Note: This complement fixation test detects total antibodies to mycelial and yeast antigens of *Histoplasma*.

HOTLINE NOTE: There is a clinically significant charting name change associated with this test.

Change the charting name for component 0050330, *Histoplasma* Mycelia, CF from *Histoplasma* Mycelia, CF to ***Histoplasma* Mycelia Antibodies by CF**.

Change the charting name for component 0050335, *Histoplasma* Yeast, CF from *Histoplasma* Yeast, CF to ***Histoplasma* Yeast Antibodies by CF**.