

HOTLINE: Effective November 16, 2020

New Test **3002995** **Coccidioides Ab by CF & ID, Serum** **COCC.CFIDS**

Methodology: Semi-Quantitative Complement Fixation/Qualitative Immunodiffusion
Performed: Sun-Sat
Reported: 2-6 days

Specimen Required: Collect: Serum Separator Tube (SST).
Specimen Preparation: Separate from cells ASAP or within 2 hours of collection. Transfer two 2 mL serum to an ARUP Standard Transport Tube. (Min: 0.6 mL) Parallel testing is preferred and convalescent specimens **must** be received within 30 days from receipt of the acute specimens.
Storage/Transport Temperature: Refrigerated.
Remarks: **Mark specimens plainly as "acute" or "convalescent."**
Unacceptable Conditions: Other body fluids. Hemolyzed, icteric, or 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: Effective November 18, 2013

Test Number	Components	Reference Interval
0050170	<i>Coccidioides</i> Antibody by CF	Less than 1:2
	<i>Coccidioides immitis</i> Antibodies by Immunodiffusion	None detected.

Interpretive Data:

Refer to report.

Note: For *Coccidioides*, immunodiffusion (ID) measures IgM antibody, while complement fixation (CF) measures both IgG and IgM. ELISA tests can be used to detect both coccidioidal IgG and IgM antibodies. While elevated single antibody titers may be diagnostic, paired specimens are preferred. Acute and convalescent specimens (drawn at least 21 days apart) showing a fourfold or greater rise in titer are diagnostic.

Negative fungal serology does not rule out the possibility of current infection.

CPT Code(s): 86635 x2

New York DOH Approved.

HOTLINE NOTE: Refer to the Test Mix Addendum for interface build information.