

TEST CHANGE

Coccidioides Antibodies Panel, Serum

0050588, COCCI PAN

Specimen Requirements:

Patient Preparation:

Collect: Serum Separator Tube (SST).

Specimen Preparation: Separate from cells ASAP or within 2 hours of collection. Transfer 2 mL serum to an ARUP [standard transport tube](#). ~~Standard Transport Tube~~. (Min: ~~1.20.6~~ mL) Parallel testing is preferred and convalescent specimens must be received within 30 days from receipt of the acute specimens.

Transport Temperature: Refrigerated.

Unacceptable Conditions: Other body fluids. Contaminated, hemolyzed, icteric, or lipemic specimens.

Remarks: Mark specimens plainly as "acute" or "convalescent."

Stability: Ambient: 48 hours; Refrigerated: 2 weeks; Frozen: 1 year (avoid repeated freeze/thaw cycles)

Methodology: [Semi-Quantitative](#) Complement Fixation/[Qualitative](#) Immunodiffusion /~~Semi-Quantitative~~ /Enzyme-Linked Immunosorbent Assay (ELISA)

Performed: Sun-Sat

Reported: 3-6 days

Note: The immunodiffusion component of this test uses culture filtrates of Coccidioides immitis and includes CF and TP antigens.

CPT Codes: 86635 x4

New York DOH Approval Status: This test is New York DOH approved.

Interpretive Data:

Component	Interpretation
Coccidioides Antibodies, IgG by Immunoassay, Serum	0.9 IV or less Negative - No significant level of Coccidioides IgG antibody

Coccidioides Antibodies, IgM by Immunoassay, Serum	<p>detected. 1.0-1.4 IV Equivocal - Questionable presence of Coccidioides IgG antibody detected. Repeat testing in 10-14 days may be helpful. 1.5 IV or greater Positive - Presence of IgG antibody to Coccidioides detected, suggestive of current or past infection.</p> <p>0.9 IV or less Negative - No significant level of Coccidioides IgM antibody detected. 1.0-1.4 IV Equivocal - Questionable presence of Coccidioides IgM antibody detected. Repeat testing in 10-14 days may be helpful. 1.5 IV or greater Positive - Presence of IgM antibody to Coccidioides detected, suggestive of current or recent infection.</p>	
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Reference Interval:

Test Number	Components	Reference Interval
	Coccidioides Antibody by CF	Less than 1:2
	Coccidioides by Immunodiffusion, Serum	Not detected.
	Coccidioides Antibody, IgG by ELISA	0.9 IV or less
	Coccidioides Antibody, IgM by ELISA	0.9 IV or less