

HOTLINE: Effective May 16, 2022

0050588

Coccidioides Antibodies Panel, Serum

COCCIPAN

Methodology: Complement Fixation/Immunodiffusion/Enzyme-Linked Immunosorbent Assay (ELISA)

Specimen Required: 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. (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. Contaminated, hemolyzed, icteric, or lipemic specimens.

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

Reference Interval:

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Test Number	Components	Reference Interval
0050170	<i>Coccidioides</i> Antibody by CF	Less than 1:2
	<i>Coccidioides</i> Antibody by ID	Not detected
0050179	<i>Coccidioides</i> Antibody, IgG by ELISA	
	0.9 IV or less	Negative - No significant level of <i>Coccidioides</i> IgG antibody detected.
	1.0-1.4 IV	Equivocal - Questionable presence of <i>Coccidioides</i> IgG antibody detected. Repeat testing in 10-14 days may be helpful.
	1.5 IV or greater	Positive - Presence of IgG antibody to <i>Coccidioides</i> detected, suggestive of current or past infection.
0050178	<i>Coccidioides</i> Antibody, IgM by ELISA	
	0.9 IV or less	Negative - No significant level of <i>Coccidioides</i> IgM antibody detected.
	1.0-1.4 IV	Equivocal - Questionable presence of <i>Coccidioides</i> IgM antibody detected. Repeat testing in 10-14 days may be helpful.
	1.5 IV or greater	Positive - Presence of IgM antibody to <i>Coccidioides</i> detected, suggestive of current or recent infection.

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

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

Change the charting name for component 0050183, *Coccidioides immitis* Abs, Precipitin from *Coccidioides immitis* Abs, Precipitin to *Coccidioides* by Immunodiffusion, Serum.