

HOTLINE: Effective May 16, 2022

3001982

*Coccidioides* Antibodies Reflexive Panel, Serum

COCCI R

**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	
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.
	<i>Coccidioides</i> Titer, Complement Fixation	Less than 1:2	
	<i>Coccidioides</i> Antibody by ID	Not detected	

**Note:** *Coccidioides* Antibodies, IgM and IgG by Immunoassay, Serum is used to screen for coccidioidal antibodies. If the immunoassay testing is equivocal or positive for IgM and/or IgG, then *Coccidioides* Antibodies by Immunodiffusion and *Coccidioides* Antibody Titer by Complement Fixation, Serum will be added. Additional charges apply.