

3000059

Coccidioides Antibodies by Complement Fixation, CSF

COCCICFCSF

Specimen Required: Collect: CSF

Specimen Preparation: Transfer 1 mL CSF 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 acute specimens.

Storage/Transport Temperature: Refrigerated.

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

Unacceptable Conditions: **Other body fluids.** Contaminated, hemolyzed, xanthochromic, or severely lipemic specimens.

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

Interpretive Data:

Any titer suggests past or current infection. However, greater than 30 percent of cases with chronic residual pulmonary disease have negative Complement Fixation (CF) tests. Titers of less than 1:32 (even as low as 1:2) may indicate past infection or self-limited disease anticoccidioidal CF antibody titers in excess of 1:16 may indicate disseminated infection. CF serology may be used to follow therapy. Antibody in CSF is considered diagnostic for coccidioidal meningitis, although 10 percent of patients with coccidioidal meningitis will not have antibody in **CSF**.

HOTLINE NOTE: Remove information found in the Note field.