

Client: Example Client ABC123
123 Test Drive
Salt Lake City, UT 84108
UNITED STATES

Physician: Doctor, Example

Patient: Patient, Example

DOB: 12/1/1966
Gender: Female
Patient Identifiers: 01234567890ABCD, 012345
Visit Number (FIN): 01234567890ABCD
Collection Date: 00/00/0000 00:00

Coccidioides Antibodies Panel, CSF by CF, ID, ELISA

ARUP test code 3000061

Coccidioides Ab by CF, CSF

1:8 * (Ref Interval: <1:2)

INTERPRETIVE INFORMATION: Coccidioides Ab by Complement Fixation (CF)

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.

Test developed and characteristics determined by ARUP Laboratories. See Compliance Statement B: aruplab.com/CS

Coccidioides Antibody IgG ELISA, CSF

6.5 IV H (Ref Interval: <=0.9)

INTERPRETIVE INFORMATION: Coccidioides Antibody IgG ELISA, CSF

0.9 IV or less: Negative - No significant level of Coccidioides IgG antibody 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.

IgG antibodies usually appear by the third week of infection and may persist for years. Both tube precipitin (TP) and CF antigens are represented in the ELISA tests.

Test developed and characteristics determined by ARUP Laboratories. See Compliance Statement B: aruplab.com/CS

Coccidioides Antibody IgM ELISA, CSF

2.7 IV H (Ref Interval: <=0.9)

Positive IgM EIA results should be confirmed with immunodiffusion (ID) or the complement fixation (CF) test. When the ID or CF tests fail to corroborate the EIA results, the diagnosis is less firmly established.

H=High, L=Low, *=Abnormal, C=Critical

INTERPRETIVE INFORMATION: Coccidioides Antibody IgM ELISA, CSF

- 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 past infection.

In most symptomatic patients, IgM antibodies usually appear by the second week of infection and disappear by the fourth month. Both tube precipitin (TP) and CF antigens are represented in the ELISA tests.

Test developed and characteristics determined by ARUP Laboratories. See Compliance Statement B: aruplab.com/CS

Coccidioides by Immunodiffusion, CSF

Detected * (Ref Interval: None Detected)

Positive, IDCF band(s) observed.

INTERPRETIVE INFORMATION: Coccidioides by Immunodiffusion, CSF

Coccidioides infection is demonstrated by the detection of IgM antibody to the Immunodiffusion Tube Precipitin (IDTP) antigen. IgM antibody may be detected 1 to 3 weeks after the onset of primary infection and may suggest active or recent infection. IgM antibody is rarely detected 6 months after infection but may reappear with relapse and may persist in disseminated cases.

IgG antibody may also be demonstrated in response to the Immunodiffusion Complement Fixation (IDCF) antigen and may represent active or past infection. Negative fungal serology does not rule out current infection.

Test developed and characteristics determined by ARUP Laboratories. See Compliance Statement B: aruplab.com/CS

VERIFIED/REPORTED DATES

Procedure	Accession	Collected	Received	Verified/Reported
Coccidioides Ab by CF, CSF	19-011-138543	00/00/0000 00:00	00/00/0000 00:00	00/00/0000 00:00
Coccidioides Antibody IgG ELISA, CSF	19-011-138543	00/00/0000 00:00	00/00/0000 00:00	00/00/0000 00:00
Coccidioides Antibody IgM ELISA, CSF	19-011-138543	00/00/0000 00:00	00/00/0000 00:00	00/00/0000 00:00
Coccidioides by Immunodiffusion, CSF	19-011-138543	00/00/0000 00:00	00/00/0000 00:00	00/00/0000 00:00

END OF CHART

H=High, L=Low, *=Abnormal, C=Critical