Test Definition: FCOCC

Coccidioides Antibodies, IgG & IgM by ELISA

Reporting Title: Coccidioides Antibodies, IgG & IgM
Performing Location: ARUP Laboratories, Interface

Specimen Requirements:

Submit only one of the following:

Serum
Draw blood in a plain, red-top tube(s). (Serum gel tube is acceptable.) Separate from cells within 2 hours of collection. Send 2 mL of serum refrigerate in a plastic vial.

CSF
Submit 2 mL of spinal fluid (CSF). Send refrigerate in a plastic vial.

Specimen Type	Temperature	Time
Varies	Refrigerated (preferred)	14 days
	Ambient	48 hours
	Frozen	365 days

Result Codes:

Result ID	Reporting Name	Type	Unit	LOINC®
Z2719	Coccidioides Antibody, IgG by ELISA	Alphanumeric		In Process
Z2720	Coccidioides Antibody, IgM by ELISA	Alphanumeric		In Process

CPT Code Information:

86635 - Cocci IgM
86635 - Cocci IgG

Reference Values:

Coccidioides Antibody, IgG by ELISA IV (<=0.9)

0.9 IV or less: Negative - No significant level of Coccidioides IgG antibody detected.
1.01 - 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.

Coccidioides Antibody, IgM by ELISA IV (<=0.9)

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.

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 Performed by: ARUP Laboratories
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