

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

Physician: Doctor, Example

**Patient: Patient, Example**

**DOB:** 5/4/2007  
**Gender:** Male  
**Patient Identifiers:** 01234567890ABCD, 012345  
**Visit Number (FIN):** 01234567890ABCD  
**Collection Date:** 00/00/0000 00:00

**Fungal Antibodies with Reflex to Blastomyces dermatitidis Antibodies by Immunodiffusion, CSF**

ARUP test code 3000230

Coccidioides Ab by CF, CSF	<p>&lt;1:2 (Ref Interval: &lt;1:2)</p> <p>INTERPRETIVE INFORMATION: Coccidioides Ab by Complement Fixation (CF)</p> <p>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.</p> <p>This test was developed and its performance characteristics determined by ARUP Laboratories. It has not been cleared or approved by the US Food and Drug Administration. This test was performed in a CLIA certified laboratory and is intended for clinical purposes.</p>
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Histoplasma M, CSF (CF)	<p><b>1:2 *</b> (Ref Interval: &lt;1:2)</p> <p>INTERPRETIVE INFORMATION: Histoplasma M, CSF (CF)</p> <p>A titer of 1:2 or greater is generally considered presumptive evidence of histoplasmosis. Cross-reactions, usually at lower titers, may occur with other fungal diseases.</p> <p>This test was developed and its performance characteristics determined by ARUP Laboratories. It has not been cleared or approved by the U.S. Food and Drug Administration. This test was performed in a CLIA-certified laboratory and is intended for clinical purposes.</p>
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Histoplasma Y, CSF (CF)	<p>&lt;1:2 (Ref Interval: &lt;1:2)</p>
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**H=High, L=Low, \*=Abnormal, C=Critical**

Unless otherwise indicated, testing performed at:

**INTERPRETIVE INFORMATION: Histoplasma Y, CSF (CF)**

A titer of 1:2 or greater is generally considered presumptive evidence of histoplasmosis. Cross-reactions, usually at lower titers, may occur with other fungal diseases.

This test was developed and its performance characteristics determined by ARUP Laboratories. It has not been cleared or approved by the U.S. Food and Drug Administration. This test was performed in a CLIA-certified laboratory and is intended for clinical purposes.

**Aspergillus Antibody, CSF (CF)**

<1:2 (Ref Interval: <1:2)  
**INTERPRETIVE INFORMATION: Aspergillus Antibody, CSF (CF)**

A titer of 1:2 or greater suggests Aspergillus infection or allergy. Cross-reactions with dimorphic fungi are not unusual within the genus Aspergillus.

This test was developed and its performance characteristics determined by ARUP Laboratories. It has not been cleared or approved by the U.S. Food and Drug Administration. This test was performed in a CLIA-certified laboratory and is intended for clinical purposes.

**Blastomyces Antibodies EIA, CSF**

**5.2 IV H (Ref Interval: <=0.9)**

Blastomyces antibodies are elevated, Blastomyces by Immunodiffusion will be performed. An elevated Blastomyces EIA result in combination with a None Detected Immunodiffusion result may indicate either early infection or a falsely elevated EIA result. Repeat testing in 10 - 14 days may help clarify the diagnosis.

**INTERPRETIVE INFORMATION: Blastomyces Antibodies EIA, CSF**

0.9 IV or less.....Negative  
1.0-1.4 IV.....Equivocal  
1.5 IV or greater....Positive

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**Blastomyces dermatitidis Antibodies by Immunodiffusion, CSF**

ARUP test code 3000232

**Blastomyces Antibodies by ID, CSF**

**Not Detected (Ref Interval: Not Detected)**

No Blastomyces antibodies were detected. This result does not exclude Blastomyces infection.

**INTERPRETIVE INFORMATION: Blastomyces Ab by Immunodiffusion, CSF**

This test was developed and its performance characteristics determined by ARUP Laboratories. It has not been cleared or approved by the US Food and Drug Administration. This test was performed in a CLIA certified laboratory and is intended for clinical purposes.

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

VERIFIED/REPORTED DATES

Procedure	Accession	Collected	Received	Verified/Reported
Coccidioides Ab by CF, CSF	23-345-125796	00/00/0000 00:00	00/00/0000 00:00	00/00/0000 00:00
Histoplasma M, CSF (CF)	23-345-125796	00/00/0000 00:00	00/00/0000 00:00	00/00/0000 00:00
Histoplasma Y, CSF (CF)	23-345-125796	00/00/0000 00:00	00/00/0000 00:00	00/00/0000 00:00
Aspergillus Antibody, CSF (CF)	23-345-125796	00/00/0000 00:00	00/00/0000 00:00	00/00/0000 00:00
Blastomyces Antibodies EIA, CSF	23-345-125796	00/00/0000 00:00	00/00/0000 00:00	00/00/0000 00:00
Blastomyces Antibodies by ID, CSF	23-345-125796	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

Unless otherwise indicated, testing performed at:

ARUP LABORATORIES | 800-522-2787 | aruplab.com  
500 Chipeta Way, Salt Lake City, UT 84108-1221  
Jonathan R. Genzen, MD, PhD, Laboratory Director

Patient: Patient, Example  
ARUP Accession: 23-345-125796  
Patient Identifiers: 01234567890ABCD, 012345  
Visit Number (FIN): 01234567890ABCD  
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