

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

Physician: Doctor, Example

**Patient: Patient, Example**

**DOB:** 10/20/2014  
**Gender:** Female  
**Patient Identifiers:** 01234567890ABCD, 012345  
**Visit Number (FIN):** 01234567890ABCD  
**Collection Date:** 00/00/0000 00:00

**Borrelia burgdorferi Antibodies, IgG and IgM by Immunoblot (CSF)**

ARUP test code 0055260

Borrelia burgdorferi Ab, IgG, IB (CSF)

**Positive \* (Ref Interval: Negative)**

Band(s) present: 93, 58, 45, 41, 39, 23, 18 kDa  
The CSF specimen shows evidence of blood contamination and is, therefore, likely contaminated with serum antibodies. Antibody testing from this specimen is not recommended as the blood may interfere, causing a false-positive result that does not represent intrathecally produced antibodies. False-negative results are also possible. It is highly recommended that serum testing for the same analyte also be performed in order to aid in interpreting the CSF test result.

INTERPRETIVE INFORMATION: Borrelia burgdorferi Ab, IgG, IB (CSF)

For this assay, a positive result is reported when any 5 or more of the following 10 bands are present: 18, 23, 28, 30, 39, 41, 45, 58, 66, or 93 kDa. All other banding patterns are reported as negative.

The detection of antibodies to Borrelia burgdorferi in cerebrospinal fluid may indicate central nervous system infection. However, consideration must be given to possible contamination by blood or transfer of serum antibodies across the blood-brain barrier.

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.

Borrelia burgdorferi Ab, IgM, IB (CSF)

**Positive \* (Ref Interval: Negative)**

Band(s) present: 41, 39, 23 kDa  
The CSF specimen shows evidence of blood contamination and is, therefore, likely contaminated with serum antibodies. Antibody testing from this specimen is not recommended as the blood may interfere, causing a false-positive result that does not represent intrathecally produced antibodies. False-negative results are also possible. It is highly recommended that serum testing for the same analyte also be performed in order to aid in interpreting the CSF test result.

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

**INTERPRETIVE INFORMATION: Borrelia burgdorferi Ab, Igm, IB (CSF)**

For this assay, a positive result is reported when any 2 or more of the following bands are present: 23, 39, 41 kDa. All other banding patterns are reported as negative.

The detection of antibodies to Borrelia burgdorferi in cerebrospinal fluid may indicate central nervous system infection. However, consideration must be given to possible contamination by blood or transfer of serum antibodies across the blood-brain barrier.

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.

**VERIFIED/REPORTED DATES**

Procedure	Accession	Collected	Received	Verified/Reported
Borrelia burgdorferi Ab, IgG, IB (CSF)	21-107-105765	00/00/0000 00:00	00/00/0000 00:00	00/00/0000 00:00
Borrelia burgdorferi Ab, IgM, IB (CSF)	21-107-105765	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:*