

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

Physician: Doctor, Example

**Patient: Patient, Example**

**DOB:** 12/17/1987  
**Sex:** Male  
**Patient Identifiers:** 01234567890ABCD, 012345  
**Visit Number (FIN):** 01234567890ABCD  
**Collection Date:** 01/01/2017 12:34

**Borrelia burgdorferi Antibodies, Total by ELISA, CSF**

ARUP test code 0099483

Borrelia burgdorferi Abs, ELISA, CSF

**1.81 LIV H (Ref Interval: <=0.99)**

INTERPRETIVE INFORMATION: Borrelia burgdorferi Abs, ELISA, CSF

0.99 LIV or less: ..... Negative - Antibody to B. burgdorferi not detected.  
1.00 - 1.20 LIV ..... Equivocal - Repeat testing in 10-14 days may be helpful.  
1.21 LIV or greater: ..... Positive - Probable presence of antibody to B. burgdorferi detected.

The detection of antibodies to B. 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.

Current CDC recommendations for the serologic diagnosis of Lyme disease are to screen with a polyvalent ELISA test and confirm equivocal and positive results with immunoblot. Both IgM and IgG immunoblots should be performed on samples less than 4 weeks after appearance of erythema migrans. Only IgG immunoblot should be performed on samples greater than 4 weeks after the disease onset. IgM immunoblot in the chronic stage is not recommended and does not aid in the diagnosis of neuroborreliosis or chronic Lyme disease. Please submit requests for appropriate immunoblot testing within 10 days.

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 Abs, ELISA, CSF	21-067-137535	3/8/2021 2:02:00 PM	3/10/2021 3:04:36 AM	3/11/2021 4:13:00 AM

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: 21-067-137535  
Patient Identifiers: 01234567890ABCD, 012345  
Visit Number (FIN): 01234567890ABCD  
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