MAYO CLINIC LABORATORIES

Test Definition: FBART

Bartonella Antibody Panel, IFA CSF

Overview

Profile Information

Test Id	Reporting Name	Available Separately	Always Performed
FBHEN	Bartonella Henselae Ab Panel (CSF)	No	Yes
FBARQ	Bartonella Quintana Ab Panel (CSF)	No	Yes

Method Name

Immunofluorescence Assay (IFA)

NY State Available

Yes

Specimen

Specimen Type

CSF

Specimen Required

Container/Tube: Sterile container

Specimen Volume: 1 mL

Collection Instructions:

1. Submit 1 mL of spinal fluid (CSF).
2. Send refrigerate.

Specimen Minimum Volume

0.15 mL

Reject Due To

Gross hemolysis	Reject
Gross icterus	Reject
Anything other body fluids	Reject

Specimen Stability Information

Specimen Type	Temperature	Time	Special Container
CSF	Refrigerated (preferred)	14 days	
	Ambient	7 days	
	Frozen	30 days	

Clinical & Interpretive

Clinical Information

Refer to https://testdirectory.questdiagnostics.com.

Reference Values

Bartonella henselae IgG: <1:1
Bartonella henselae IgM: <1:1
Bartonella quintana IgG: <1:1
Bartonella quintana IgM: <1:1

Interpretation

Interpretive criteria:
<1:1 Antibody not detected
> or = 1:1 Antibody detected

Infection with *Bartonella henselae* has been associated with cat scratch disease, bacillary angiomatosis, peliosis hepatis and febrile bacteremia syndrome. Infection with *Bartonella quintana* has been associated with trench fever and bacillary angiomatosis in both HIV positive and negative individuals.

IgG cross-reactivity between *B henselae* and *B quintana* may occur at any titer; however, the infecting species will typically have the higher IgG titer. Crossreactivity of IgM between the two species is limited and typically is not seen.

Diagnosis of infections of the central nervous system can be accomplished by demonstrating the presence of intrathecally-produced specific antibody. However, interpreting results is complicated by low antibody levels found in CSF, passive transfer of antibody from blood, and contamination via bloody taps.

Performance

PDF Report

No

Day(s) Performed

Monday through Saturday

Report Available

3 to 7 days

Test Definition: FBART

Bartonella Antibody Panel, IFA CSF

Performing Laboratory Location

Quest Diagnostics

Fees & Codes

Fees

- Authorized users can sign in to Test Prices for detailed fee information.
- Clients without access to Test Prices can contact Customer Service 24 hours a day, seven days a week.
- Prospective clients should contact their account representative. For assistance, contact Customer Service.

Test Classification

This test was developed and its analytical performance characteristics have been determined by Quest Diagnostics. It has not been cleared or approved by FDA. This assay has been validated pursuant to the CLIA regulations and is used for clinical purposes.

CPT Code Information

86611 x 4

LOINC® Information

Test ID	Test Order Name	Order LOINC® Value
FBART	Bartonella Antibody Panel, IFA (CSF)	Not Provided

Result ID	Test Result Name	Result LOINC® Value
Z0694	B. Quintana IgG	Not Provided
Z0475	B. Quintana IgM	Not Provided
Z0693	B. Henselae IgG	Not Provided
Z0474	B. Henselae IgM	Not Provided