

**Reporting Title:** Bartonella Antibody Panel, IFA (CSF)**Performing Location:** Quest Diagnostics**Specimen Requirements:**

Specimen Type: Spinal Fluid

Sources: CSF

Container/Tube: Sterile container

Specimen Volume: 1 mL

Collection Instructions: Collect 1 mL of spinal fluid (CSF). Ship refrigerate

**Specimen Minimum Volume:**

0.15 mL

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

**Result Codes:**

Result ID	Reporting Name	Type	Unit	LOINC®
Z0693	B. Henselae IgG	Alphanumeric		Not Provided
Z0474	B. Henselae IgM	Alphanumeric		Not Provided
Z0694	B. Quintana IgG	Alphanumeric		Not Provided
Z0475	B. Quintana IgM	Alphanumeric		Not Provided

LOINC and CPT codes are provided by the performing laboratory.

**Supplemental Report:**

No

**Components:**

Test ID	Reporting Name	CPT Units	CPT Code	Always Performed	Orderable Separately
FBHEN	Bartonella Henselae Ab Panel (CSF)			Yes	No
FBARQ	Bartonella Quintana Ab Panel (CSF)			Yes	No

**CPT Code Information:**

86611 x 4

**Reference Values:**

REFERENCE RANGE: &lt;1:1

## INTERPRETIVE CRITERIA:

&lt;1:1 Antibody Not Detected

&gt; 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 crossreactivity 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.