

Patient Information	Specimen Information	Client Information

COMMENTS:

Test Name	In Range	Out Of Range	Reference Range	Lab
BARTONELLA SPECIES AB (IGG, IGM) W/REFL TITERS				
B. HENSELAE AB (IGG), SCREEN	NEGATIVE			
B. QUINTANA AB (IGG), SCREEN	NEGATIVE			
B. HENSELAE AB (IGM), SCREEN	NEGATIVE			
B. QUINTANA AB (IGM), SCREEN	NEGATIVE			

REFERENCE RANGE: NEGATIVE

Whereas sera from 10% of healthy controls exhibit Bartonella henselae IgG titers of 1:64-1:128, none show titers of 1:256 or above. Sera from 95% of patients with clinically defined cat scratch disease show IgG titers of 1:64 and above; 79% exhibit titers of 1:256 and above. IgM titers at 1:20 or higher have not been detected in the normal adult population. Individuals infected with B. henselae may not have initial IgG titers greater than or equal to 1:64; confirmation of infection may therefore require testing of serial specimens to detect increasing IgG titers or the presence of IgM.

The two major clinical manifestations associated with B. quintana infection are urban trench fever and endocarditis. Due to the acute nature of urban trench fever, both B. quintana IgG and IgM may be positive. In contrast, B. quintana-associated endocarditis typically reflects chronic infection, and these patients nearly always exhibit an IgG positive but IgM negative result pattern.

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

PERFORMING SITE:

SPECIMEN: