This test is recommended for detection of very early and/or late infection of Bartonella. For diagnostic purpose, the Bartonella IgXSpot test results should be used in conjunction with clinical symptoms and other evidence available to the diagnosing physician.

The Bartonella IgXSpot test is an Enzyme-Linked ImmunoSpot (ELISPOT) assay that detect human T cells reactive to Bartonella specific antigens in vitro. ELISPOT is a widely used method for detecting and monitoring cellular immune response to specific antigens. The IgXSpot assay allows visualization of the secretory product(s) of individual activated or responding T cells to Bartonella specific antigens which include Bartonella henselae, B. quintana, B. elizabethae and B. vinsonii. Each spot that develops in the assay represents a single reactive cell.

Based on a study performed on 48 well-characterized clinical samples, the Bartonella IgXSpot test has excellent specificity and the following species have been detected: B. henselae, B. quintana, B. elizabethae and B. vinsonii.

• Detects specific T cell responses soon after Bartonella infection, when antibodies to the organisms are not detectable or late in the disease when the levels of antibodies are very low.
• When combined with Western Blot tests, provides information on the full spectrum of patient’s immune response to infection and stage of disease.
• Especially useful for seronegative patients.

B. henselae, B. quintana, B. elizabethae and B. vinsonii.

Sample must be received within 48 hours of collection.