



LABORATORY REPORT

Example Client, XYZ123
1234 Warde Road
Ann Arbor MI 48108

EXAMPLE, REPORT W
WX0000003827 M 07/08/1978 45 Y

Referral Testing

Collected: 09/05/2023 15:50 Received: 09/05/2023 15:50

Table with 6 columns: Test Name, Result, Flag, Ref-Ranges, Units, Site. Contains rows for Q Fever IgG Phase I Scr, Q Fever IgG Phase II Scr, Q Fever Igm Phase I Scr, and Q Fever Igm Phase II Scr.

Table with 4 columns: Test Name, Result, Flag, Ref Range. Contains rows for Q Fever IgG Phase I Scr, Q Fever IgG Phase II Scr, Q Fever IgM Phase I Scr, and Q Fever IgM Phase II Scr.

Q Fever Antibody testing includes differentiation of antibodies to Phase I and Phase II antigenic variants. Coxiella burnetii, which causes Q Fever, undergoes transitions between Phase I and Phase II states. These phases are serologically distinguishable and useful in the serodiagnosis of acute and chronic disease.

In some cases, the ratio of titer of phase II to phase I may indicate the stage of the disease. A ratio of greater than 1 may indicate the acute stage; greater than or equal to 1, granulomatous hepatitis; and less than 1, the chronic stage or endocarditis.

As with other infectious diseases, IgM antibodies are the first to appear. Usually they are detectable for a few weeks or, at the most, for a few months. IgG antibodies appear somewhat later but can persist for years, even for life. Although single phase II IgG titers of 1:256 or greater are considered evidence of acute C. burnetii disease, the best criterion for a dependable diagnosis is still the demonstration of a fourfold or higher increase in antibody titer between the acute and convalescent serum samples.

Performed at Quest Diagnostics Nichols Institute
33608 Ortega Highway San Juan Capistrano, CA 92675-2042
Laboratory Director: I Maramica MD, PhD, MBA

LAB: L - LOW, H - HIGH, AB - ABNORMAL, C - CRITICAL, . - NOT TESTED

F305000046
WX0000003827
Printed D&T: 09/05/23 15:50

Ordered By: KAJAL SITWALA, MD, PhD
WX00000000002365

Kajal V. Sitwala, MD, PhD - Medical Director
Form: MM RL1
PAGE 1 OF 2



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Performing Site:
WMQC: QUEST DIAGNOSTICS REFERENCE LAB CAPISTRANO 33608 Ortega Highway San Juan Capistrano CA 92675

Reported Date: 2023.09.05 15:50 QFGM

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Kajal V. Sitwala, MD, PhD - Medical Director

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PAGE 2 OF 2