



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: 09/06/2023 11:43 Received: 09/06/2023 11:43

Table with 6 columns: Test Name, Result, Flag, Ref-Ranges, Units, Site. Row 1: Rickettsia rickettsii IgG Abs, <1:64, <1:64, ARRL

INTERPRETIVE INFORMATION: Rickettsia rickettsii (Rocky Mtn. Spotted Fever) Ab, IgG

- Less than 1:64 Negative - No significant level of IgG antibody detected.
1:64 - 1:128 Low Positive - Presence of IgG Antibody detected, suggestive of current or past infection.
1:256 or greater Positive - Presence of IgG antibody detected, suggestive of current or past infection.

Antibody reactivity to Rickettsia rickettsii antigen should be considered Spotted Fever group reactive. Other organisms within the group include R. akari, R. conorrii, R. australis and R. sibirica.

Seroconversion, a fourfold or greater rise in antibody titer, between acute and convalescent sera is considered strong evidence of recent infection. Acute-phase specimens are collected during the first week of illness and convalescent-phase samples are generally obtained 2-4 weeks after resolution of illness. Ideally these samples should be tested simultaneously at the same facility. If the sample submitted was collected during the acute-phase of illness, submit a marked convalescent sample within 25 days for paired testing.

Table with 6 columns: Test Name, Result, Flag, Ref-Ranges, Units, Site. Row 1: Rickettsia rickettsii IgM Abs, <1:64, <1:64, ARRL

INTERPRETIVE INFORMATION: Rickettsia rickettsii (Rocky Mtn. Spotted Fever) Ab, IgM

- Less than 1:64 Negative - No significant level of IgM antibody detected.
1:64 or greater Positive - Presence of IgM antibody detected, which may indicate a current or recent infection;

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



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<u>Test Name</u>	<u>Result</u>	<u>Flag</u>	<u>Ref-Ranges</u>	<u>Units</u>	<u>Site</u>
	however, low levels of IgM antibodies may occasionally persist for more than 12 months post-infection.				

Antibody reactivity to Rickettsia rickettsii antigen should be considered Spotted Fever group reactive. Other organisms within the group include R. akari, R. conorii, R. australis and R. sibirica.

Seroconversion, a fourfold or greater rise in antibody titer, between acute and convalescent sera is considered strong evidence of recent infection. Acute-phase specimens are collected during the first week of illness and convalescent-phase samples are generally obtained 2-4 weeks after resolution of illness. Ideally these samples should be tested simultaneously at the same facility. If the sample submitted was collected during the acute-phase of illness, submit a marked convalescent sample within 25 days for paired testing.

The CDC does not use IgM results for routine diagnostic testing of Rocky Mountain Spotted Fever, as the response may not be specific for the agent (resulting in false positives) and the IgM response may be persistent from past infection.

Performed By: ARUP Laboratories
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Salt Lake City, UT 84108
Laboratory Director: Jonathan R. Genzen, MD, PhD
CLIA Number: 46D0523979

Performing Site:
ARRL: ARUP REFERENCE LAB 500 Chipeta Way Salt Lake City UT 841081221

Reported Date: 2023.09.06 11:44 RMSGM

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