

TEST CHANGE

Rickettsia rickettsii (Rocky Mountain Spotted Fever) Antibodies, IgG & IgM by IFA
0050371, RMSF G/M

Specimen Requirements:

Patient Preparation:

Collect: Serum Separator Tube (SST).

Specimen Preparation: Separate from cells ASAP or within 2 hours of collection. Transfer 1 mL serum to an ARUP [standard transport tube](#). ~~Standard Transport Tube~~. (Min: 0.43 mL) Parallel testing is preferred and convalescent specimens must be received within 30 days from receipt of the acute specimens.

Transport Temperature: Refrigerated.

Unacceptable Conditions: Contaminated, hemolyzed, or severely lipemic specimens.

Remarks: Mark specimens plainly as "acute" or "convalescent."

Stability: After separation from cells: Ambient: 48 hours; Refrigerated: 2 weeks; Frozen: 1 year (avoid repeated freeze/thaw cycles)

Methodology: Semi-Quantitative Indirect Fluorescent Antibody [\(IFA\)](#)

Performed: Sun-Sat

Reported: 1-3 days

Note:

CPT Codes: 86757 x2

New York DOH Approval Status: This test is New York DOH approved.

Interpretive Data:

Component	Interpretation
Rickettsia rickettsii (Rocky Mountain Spotted Fever) Antibody, 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

Rickettsia rickettsii (Rocky Mountain Spotted Fever) Antibody, IgM	<p>infection. 1:256 or greater Positive - Presence of IgG antibody suggestive of recent or current infection.</p> <p>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; however, low levels of IgM antibodies may occasionally persist for more than 12 months post-infection.</p>	
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Reference Interval:

Test Number	Components	Reference Interval
	Rocky Mt Spotted Fever IgG	Less than 1:64
	Rocky Mt Spotted Fever IgM	Less than 1:64