

<b>TEST:</b>	<b>Rocky Mountain Spotted Fever (RMSF)</b>
Synonym:	RMSF IgG serology; <i>Rickettsia rickettsii</i> serology
Laboratory/Phone:	443-681-3938/3931
Turnaround Time:	5 days
Specimen Required:	Serum
Specimen identification:	Label tube with patients first and last name
Specimen Volume (Optimum):	2 ml.
Specimen Volume (Minimum):	1 ml.
Collect:	RED-TOP vacutainer
Form:	DHMH 4677
Packaging and Shipping:	See packaging for transport instructions in Guide
Transport Conditions:	Ambient temperature for specimens on the blood clot, separated serum at 2-8°C (refrigerated) or -20°C (frozen).
Specimen Rejection Criteria:	Hemolysis; insufficient volume
Availability:	Monday through Friday
Results and Interpretation:	<b>POSITIVE</b> --Titers $\geq$ 1:64 indicate a probable Rickettsial infection <b>NEGATIVE</b> —Titers < 1:64
Reference Range:	Negative
Additional Information:	<a href="http://www.cdc.gov/rmsf/">http://www.cdc.gov/rmsf/</a> A second specimen will usually demonstrate a diagnostic four fold rise in
Purpose of Test:	Detect antibodies to <i>R. rickettsii</i>
Methods:	IFA
Interfering Substances:	Icteric, hemolyzed, lipemic or heat inactivation of specimen
Testing Site:	DHMH Laboratories Administration, Central Laboratory, Baltimore, MD
Comment:	May not detect a recent infection