

TEST:	Lyme Serology
Synonym:	<i>Borrelia burgdorferi</i> IgG/IgM Antibody
Laboratory/Phone:	443-681-3938/3931
Turnaround Time:	5 days
Specimen Required:	Serum
Specimen identification:	Label tube with patient's first and last name
Specimen Volume (Optimum):	2 ml.
Specimen Volume (Minimum):	1 ml.
Collect:	Red-top vacutainer tube
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, specimen collected > 5 days prior to arrival without being stored frozen
Availability:	Monday through Friday
Results and Interpretation:	<p>NEGATIVE—antibodies to <i>B. burgdorferi</i> not detected, does not rule out the possibility of infection</p> <p>POSITIVE—antibodies to <i>B. Burgdorferi</i> have been detected, however, patients with syphilis also react to ELFA screening</p> <p>EQUIVOCAL—Immunological status cannot be determined, please re-draw patient in 2-4 weeks.</p>
Reference Range:	Negative
Additional Information:	http://www.cdc.gov/lyme/
Purpose of Test:	Detect antibody to <i>B. burgdorferi</i>
Methods:	ELFA (enzyme -linked fluorescent immunoassay, Western Blot
Interfering Substances:	Icteric, hemolyzed, lipemic
Testing Site:	DHMH Laboratories Administration, Central Laboratory 1770 Ashland Avenue, Baltimore, MD 21205
Comment:	The Western blot test will be used to confirm the presence of <i>B. burgdorferi</i> specific antibodies detected by the ELFA screening test on all Positive & Equivocal specimens