

NEW TEST – Available Now

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Borrelia burgdorferi VlsE1/pepC10 Antibodies, Total by ELISA With Reflex to IgM and IgG by ELISA (Modified Two-Tier Testing)

3006053, LYME MTTT

Specimen Requirements:

Patient Preparation:

Collect: Serum separator tube.

Specimen Preparation: Separate serum from cells ASAP or within 2 hours of collection. Transfer 1 mL serum to an ARUP Standard Transport Tube. (Min: 0.15 mL)

Transport Temperature: Refrigerated.

Unacceptable Conditions: CSF or plasma. Contaminated, heat-inactivated, hemolyzed, or severely lipemic specimens.

Remarks:

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

Methodology: Semiquantitative Enzyme-Linked Immunosorbent Assay

Performed: Mon-Fri

Reported: 1-4 days

Note: If VlsE1/pepC10 antibodies by ELISA is 0.91 IV or greater, then IgM and IgG by ELISA will be added. Additional charges apply.

CPT Codes: 86618; if reflexed, add 86618 x2

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

Interpretive Data:

Refer to report.

Component	Interpretation
B. Burgdorferi VlsE1/pepC10 Abs, ELISA	0.90 IV or less; Negative - VlsE1 and pepC10 antibodies to B. burgdorferi not detected. 0.91-1.09 IV; Equivocal

	<p>- Repeat testing in 10-14 days may be helpful. 1.10 IV or greater; Positive - VlsE1 and pepC10 antibodies to B. burgdorferi detected.</p>	
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Reference Interval:

Test Number	Components	Reference Interval
	B. burgdorferi VlsE1/pepC10 Abs, ELISA	0.90 IV or less
	B. burgdorferi VlsE1/pepC10 Abs, ELISA	

HOTLINE NOTE: Refer to the Hotline Test Mix for interface build information.