

**NEW TEST**

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

3017059, LYME STTT

**Specimen Requirements:**

**Patient Preparation:**

**Collect:** Serum separator tube.

**Specimen Preparation:** Transfer 2 mL serum to an ARUP standard transport tube. (Min: 0.15 mL)

**Transport Temperature:** Refrigerated.

**Unacceptable Conditions:** Plasma, CSF. Contaminated, heat-inactivated, hemolyzed, icteric, or lipemic specimens.

**Remarks:**

**Stability:** After separation from cells: Ambient: 48 hours; Refrigerated: 10 days; Frozen: 1 month.

**Methodology:** Semi-Quantitative Enzyme-Linked Immunosorbent Assay (ELISA)/Qualitative Immunoblot

**Performed:** Sun-Sat

**Reported:** 1-4 days

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

**CPT Codes:** 86618; if reflexed, add 86617 x2

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

**Interpretive Data:**

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; repeat

	testing in 10-14 days may be helpful. 1.10 IV or greater: Positive; VlsE1 and pepC10 antibodies to B. burgdorferi detected.	
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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.**