

HOTLINE: Effective **October 20, 2020**

**New Test**      **3003254**      ***Borrelia burgdorferi* VlsE1/pepC10 Antibodies, Total by ELISA**      **LPEP ACUTE**  
**with Reflex to IgG and IgM by Immunoblot**

Available Now

**Methodology:** Semi-Quantitative Enzyme-Linked Immunosorbent Assay/Qualitative Immunoblot  
**Performed:** Mon-Fri  
**Reported:** 1-4 days

**Specimen Required:** Collect: Serum separator tube.

Specimen Preparation: Transfer 2 mL serum to an ARUP Standard Transport Tube. (Min: 0.15 mL)

Storage/Transport Temperature: Refrigerated.

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

Stability (collection to initiation of testing): After separation from cells: Ambient: 48 hours; Refrigerated: 10 days; Frozen: 1 month

**Reference Interval:**

Test Number	Components	Reference Interval	
3003253	<i>Borrelia burgdorferi</i> VlsE1/pepC10 Antibodies, Total by ELISA	0.90 IV or less	Negative – VlsE1 and pepC10 antibodies to <i>B. burgdorferi</i> 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 <i>B. burgdorferi</i> detected.
0050254	<i>Borrelia burgdorferi</i> Antibodies, IgG and IgM by Immunoblot	Effective August 15, 2011 Negative	

**Interpretive Data:**

Refer to report.

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

**CPT Code(s):** 86618; if reflexed, add 86617 x2

New York DOH Approved.

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