

**TEST CHANGE**

**Borrelia burgdorferi Antibodies, IgG and IgM by Immunoblot**

0050254, LYME WB

**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, severely hemolyzed, severely lipemic, and severely icteric specimens.

**Remarks:**

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

**Methodology:** Qualitative Immunoblot

**Performed:** Sun-Sat

**Reported:** 1-~~4~~2 days

**Note:** Per CDC guidelines, if ELISA test result is NEGATIVE, immunoblot should not be performed. This test should be used for confirmation of an equivocal or positive B. burgdorferi total antibodies, IgG and/or IgM test performed on patients less than 4 weeks after appearance of erythema migrans.

**CPT Codes:** 86617 x2

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

**Interpretive Data:**

**IgG:** For this assay, a positive result is reported when any 5 or more of the following 10 bands are present: 18, 23, 28, 30, 39, 41, 45, 58, 66, or 93 kDa. All other banding patterns are reported as negative.

**IgM:** For this assay, a positive result is reported when any 2 or more of the following bands are present: 23, 39, or 41 kDa. All other banding patterns are reported as negative.

**Reference Interval:**

Effective August 15, 2011

Negative

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