

Patient ID SA00069666	Patient Name SAMPLETESTING, TICKS	Birth Date 1966-06-10	Gender F	Age 48
Order Number SA00069666	Client Order Number SA00069666	Ordering Physician CLIENT, CLIENT	Report Notes	
Account Information C7028846 DLMP Rochester		Collected 20 Aug 2014 00:00		

Lyme Disease Ab, Immunoblot, S

IgG Immunoblot


Positive
Abn

SDL
Reference Value
Negative

IgG Band(s)

p93, p66, p58, p45, p41, p39, p30, p28, p23, p18 kDa

SDL

IgM Immunoblot


Positive
Abn

SDL
Reference Value
Negative

IgM Band(s)

p41, p39, p23 kDa

SDL

Interpretation

Consistent with active or previous infection for *B. burgdorferi*.

SDL

IgM blot criteria is of diagnostic utility only during the first 4 weeks of early Lyme disease.

ADDITIONAL INFORMATION

Per CDC criteria, the Lyme IgG Immunoblot is interpreted as positive if IgG-class antibodies are detected to ≥ 5 B. burgdorferi proteins, and the Lyme IgM Immunoblot is interpreted as positive if IgM-class antibodies are detected to ≥ 2 B. burgdorferi proteins. Immunoblot patterns not meeting these criteria should not be interpreted as positive. Epitopes from certain B. burgdorferi proteins (e.g., p41) are conserved across other bacteria, which may lead to the detection of IgM- and/or IgG-class antibodies on the Lyme disease immunoblots in patients without Lyme disease. Immunoblot should only be ordered on specimens that are positive or equivocal by a FDA-licensed Lyme disease antibody screening test (e.g., EIA). Results of the Lyme IgM immunoblot should not be considered in patients with ≥ 30 days of symptoms.

Received: 21 Aug 2014 14:10

Reported: 21 Aug 2014 14:17

Tick-Borne Ab Panel, S

Ehrlichia Chaffeensis (HME) Ab, IgG


1:256 titer
Abn

1 SDL
Reference Value
<1:64

Anaplasma phagocytophilum Ab, IgG,S


1:64 titer
Abn

1 SDL
Reference Value
<1:64

Babesia microti IgG Ab, S


1:128 titer
Abn

1 SDL
Reference Value
<1:64

Lyme Disease Serology, S

Positive

SDL
Reference Value
Negative

Not diagnostic. Supplemental testing by immunoblot has been ordered by reflex.

Received: 21 Aug 2014 14:10

Reported: 21 Aug 2014 14:16

Laboratory Notes

- 1 Analyte Specific Reagent: This test was developed and its performance characteristics determined by Mayo Clinic. It has not been cleared or approved by the U.S. Food and Drug Administration.

Performing Site Legend

Code	Laboratory	Address	Lab Director	CLIA Certificate
SDL	Mayo Clinic Laboratories - Rochester Superior Drive	3050 Superior Drive NW, Rochester MN 55901	William G. Morice M.D. Ph.D	24D1040592