MAYO CLINIC LABORATORIES

1-800-533-1710

LYME

Lyme Disease Serology, S

Patient ID	Patient Name		Birth Date	Gender	Age
SA00123229	SAMPLEREPORT, LYME ABNORMAL		1984-04-14	F	35
Order Number	**Client Order Number**	**Ordering Physician**	**Report Notes**		
SA00123229	SA00123229	CLIENT,CLIENT			
Account Information		**Collected**			
C7028846 DLMP Rochester		02 Oct 2019 11:12			

Lyme Disease Serology, S SDL

Reference Value
Negative

Positive

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

Received: 02 Oct 2019 14:46 **Reported:** 02 Oct 2019 14:51

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

Patient ID	Patient Name		Birth Date	Gender	Age
SA00123229	SAMPLEREPORT, LYME ABNORMAL		1984-04-14	F	35
Order Number	**Client Order Number**	**Ordering Physician**	**Report Notes**		
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Account Information		**Collected**			
C7028846 DLMP Rochester		02 Oct 2019 11:12			

Lyme Disease Ab, Immunoblot, S

IgG Immunoblot

SDL

⚠ Positive

Abn

Reference Value
Negative

IgG detected against:

SDL

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

IgM Immunoblot

SDL

⚠ Positive

Abn

Reference Value
Negative

IgM detected against:

SDL

p41, p39, p23 kDa

Interpretation

SDL

Consistent with active or previous infection for B. burgdorferi.

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.

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