



822 S. ROBERTSON BLVD., STE. 312
 LOS ANGELES, CA 90035
 TEL: (310) 657-1077 FAX: (310) 657-1053
 E-MAIL: immunsci@gmail.com

REFERRING PHYSICIAN

 RESEARCH

 -

PATIENT NAME

SAMPLE, REPORT

AGE SEX

37Y F

ACCESSION NO.

D.O.B.

COLLECTION DATE

LOG-IN DATE

TEST DATE

REPORT DATE

AAAA17

08/11/1984

11/5/2021

12/21/2021

12/21/2021

12/21/2021

TEST

RESULTS
 NORMAL ABNORMAL

REFERENCE
 RANGE

UNITS

LYME DISEASE BY LINE BLOT

TEST	RESULTS	REFERENCE RANGE	UNITS
	NORMAL	ABNORMAL	
IgG BANDS PRESENT	2		0-4
p 18 IgG BANDS		POSITIVE	NEGATIVE
p 23 IgG BANDS		POSITIVE	NEGATIVE
p 28 IgG BANDS	NEGATIVE		NEGATIVE
p 30 IgG BANDS	NEGATIVE		NEGATIVE
p 31 IgG BANDS	NEGATIVE		NEGATIVE
p 39 IgG BANDS	NEGATIVE		NEGATIVE
p 41 IgG BANDS	NEGATIVE		NEGATIVE
p 45 IgG BANDS	NEGATIVE		NEGATIVE
p 58 IgG BANDS	NEGATIVE		NEGATIVE
p 66 IgG BANDS	NEGATIVE		NEGATIVE
p 93 IgG BANDS	NEGATIVE		NEGATIVE
IgM BANDS PRESENT	0		0-1
p 23 IgM BANDS	NEGATIVE		NEGATIVE
p 39 IgM BANDS	NEGATIVE		NEGATIVE
p 41 IgM BANDS	NEGATIVE		NEGATIVE

CONTINUED ON NEXT PAGE



822 S. ROBERTSON BLVD., STE. 312
 LOS ANGELES, CA 90035
 TEL: (310) 657-1077 FAX: (310) 657-1053
 E-MAIL: immunsci@gmail.com

REFERRING PHYSICIAN

 RESEARCH

 -

PATIENT NAME

SAMPLE, REPORT

AGE SEX

37Y F

ACCESSION NO.	D.O.B.	COLLECTION DATE	LOG-IN DATE	TEST DATE	REPORT DATE
AAAA17	08/11/1984	11/5/2021	12/21/2021	12/21/2021	12/21/2021

TEST	RESULTS		REFERENCE RANGE	UNITS
	NORMAL	ABNORMAL		

Lyme disease is transmitted through the bite of a tick infected with the spirochete, *Borrelia burgdorferi*. Lyme disease is associated with neurologic or cardiac symptoms (stage 2) or arthritic symptoms (stage 3). In some cases, these secondary symptoms may occur even though the patient does not remember a tick bite or rash. Diagnosis of the patient based on clinical grounds alone is difficult unless the typical ECM lesions are present. Currently, detection of *B. burgdorferi* antibodies best identify patient exposure to the agent. To avoid the problems associated with measurement of antibodies to the whole organism, the Line Blot Lyme Test separately measures the level of response to the two major components of the spirochete, the outer surface membrane and the flagellar antigens.

Based on recent CDC/ASTPHLD criteria, an IgG blot is considered positive or reactive if five (5) of the following bands are present:

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

Based on recent CDC/ASTPHLD criteria, an IgM blot is considered positive or reactive if two (2) of the following bands are present:

p23, p39 and p41

*Specimens received as hemolytic, lipemic, bacterially contaminated, or heat inactivated, are rejected for analysis.

Gopal Krishnan, PhD, HCLD (ABB), Lab Director

A.Vojdani, PhD, CLS, Tech Dir