

Quest Diagnostics  
 SPECIMEN INFORMATION  
 SPECIMEN: LV340301F  
 REQUISITION: 00954919  
 Lab ref no:

PATIENT INFORMATION  
**John, Smith**  
 DOB: September 11, 1984  
 AGE: 20  
 GENDER: Male  
 FASTING: Unknown

REPORT STATUS: FINAL
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ORDERING PHYSICIAN  
**Jane, Doe**  
 CLIENT INFORMATION  
 2019-02-19 14:43:00 -0800  
 Lab Testing API  
 280 Madison Avenue  
 Room 912, 9th Floor  
 New York, NY 10016

COLLECTED: 2019/02/14 12:54  
 RECEIVED: 2019/02/14 12:55  
 REPORTED: 2019/02/19 14:43

Clinical Info:

Test Name	Result	Flag	Reference Range	Lab
FASTING: NO				
<b>LYME DISEASE ANTIBODIES (IGG, IGM), IMMUNOBLOT</b>				
LYME DISEASE AB(IGG), BLOT	NEGATIVE	NORMAL	NEGATIVE	01
18 KD (IGG) BAND	NON-REACTIVE	NORMAL		01
23 KD (IGG) BAND	NON-REACTIVE	NORMAL		01
28 KD (IGG) BAND	NON-REACTIVE	NORMAL		01
30 KD (IGG) BAND	NON-REACTIVE	NORMAL		01
39 KD (IGG) BAND	NON-REACTIVE	NORMAL		01
41 KD (IGG) BAND	NON-REACTIVE	NORMAL		01
45 KD (IGG) BAND	NON-REACTIVE	NORMAL		01
58 KD (IGG) BAND	NON-REACTIVE	NORMAL		01
66 KD (IGG) BAND	NON-REACTIVE	NORMAL		01
93 KD (IGG) BAND	NON-REACTIVE	NORMAL		01
LYME DISEASE AB(IGM), BLOT	NEGATIVE	NORMAL	NEGATIVE	01
23 KD (IGM) BAND	NON-REACTIVE	NORMAL		01
39 KD (IGM) BAND	NON-REACTIVE	NORMAL		01
41 KD (IGM) BAND	NON-REACTIVE	NORMAL		01

As per CDC criteria, a Lyme disease IgG Immunoblot must show reactivity to at least 5 of 10 specific borrelial proteins to be considered positive; similarly, a positive Lyme disease IgM immunoblot requires reactivity to 2 of 3 specific borrelial proteins. Although considered negative, IgG reactivity to fewer specific borrelial proteins or IgM reactivity to only 1 protein may indicate recent B. burgdorferi infection and warrant testing of a later sample. A positive IgM but negative IgG result obtained more than a month after onset of symptoms likely represents a false-positive IgM result rather than acute Lyme disease. In rare instances, Lyme disease immunoblot reactivity may represent antibodies induced by exposure to other spirochetes.

**Performing Laboratory Information:**

01: Quest Diagnostics-Wood Dale, 1355 Mittel Blvd, Wood Dale IL, phone: , Medical Director: MD Anthony V Thomas