

| Patient Information | Specimen Information | Client Information |
|---|---|--------------------|
| DOB: AGE: Gender: Phone: Patient ID: | Specimen: Requisition: Lab Ref #: Collected: Received: Reported: | |

| Test Name | In Range | Out Of Range | Reference Range | Lab |
|--|--------------|--------------|-----------------|-----|
| LYME DISEASE ANTIBODIES (IGG, IGM) , IMMUNOBLOT | | | | AT |
| LYME DISEASE AB (IGG) , BLOT | NEGATIVE | | NEGATIVE | |
| 18 KD (IGG) BAND | NON-REACTIVE | | | |
| 23 KD (IGG) BAND | NON-REACTIVE | | | |
| 28 KD (IGG) BAND | NON-REACTIVE | | | |
| 30 KD (IGG) BAND | NON-REACTIVE | | | |
| 39 KD (IGG) BAND | NON-REACTIVE | | | |
| 41 KD (IGG) BAND | NON-REACTIVE | | | |
| 45 KD (IGG) BAND | NON-REACTIVE | | | |
| 58 KD (IGG) BAND | NON-REACTIVE | | | |
| 66 KD (IGG) BAND | NON-REACTIVE | | | |
| 93 KD (IGG) BAND | NON-REACTIVE | | | |
| LYME DISEASE AB (IGM) , BLOT | NEGATIVE | | NEGATIVE | |
| 23 KD (IGM) BAND | NON-REACTIVE | | | |
| 39 KD (IGM) BAND | NON-REACTIVE | | | |
| 41 KD (IGM) BAND | NON-REACTIVE | | | |

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 SITE:

AT QUEST DIAGNOSTICS-ATLANTA, 1777 MONTREAL CIRCLE, TUCKER, GA 30084-6802 Laboratory Director: WILLIAM M MILLER, MD, CLIA: 11D0255931