Ordered Items
MuSK Antibodies

<table>
<thead>
<tr>
<th>TESTS</th>
<th>RESULT</th>
<th>FLAG</th>
<th>UNITS</th>
<th>REFERENCE INTERVAL</th>
<th>LAB</th>
</tr>
</thead>
<tbody>
<tr>
<td>MuSK Antibodies</td>
<td>&lt;1.0</td>
<td></td>
<td>U/mL</td>
<td>01</td>
<td></td>
</tr>
</tbody>
</table>

Reference Range:
- Negative: <1.0
- Positive: 1.0 or higher

A positive result, in the context of congruent clinical findings, confirms the diagnosis of autoimmune MuSK myasthenia gravis.

COMMENTS:
- Myasthenia gravis (MG) is caused by auto-antibodies against proteins of the neuromuscular junction. Most cases (about 90%) of generalized MG are anti-acetylcholine receptor (AChR) antibody-positive. (1)
- Of generalized MG patients who lack anti-AChR antibodies (AChR-seronegative), about 40% are positive for Muscle-Specific Kinase (MuSK) antibody. (1,2)
- Though a positive MuSK result is specific for the diagnosis of MuSK MG, a negative MuSK result does not rule out a MG diagnosis.
- MuSK antibody levels have been shown to correlate with disease severity. (3) Serial measurements may be useful to follow treatment.

References:
2. Huijbers MG et al. PNAS 2013;110(51);20783-20788.

This test was developed and its performance characteristics determined by LabCorp. It has not been cleared or approved by the Food and Drug Administration.
ABNORMAL, 504600

**Patient Details**
- **DOB:** 01/11/1990
- **Age:** 029/00/15
- **Gender:** F
- **SSN:**
- **Patient ID:**

**Specimen Details**
- **Date collected:** 01/26/2019 0000 Local
- **Date received:** 01/26/2019
- **Date entered:** 01/26/2019
- **Date reported:** 02/09/2019 0000 ET

**Physician Details**
- **Ordering:**
- **Referring:**
- **ID:**
- **NPI:**

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<th>UNITS</th>
<th>REFERENCE INTERVAL</th>
<th>LAB</th>
</tr>
</thead>
<tbody>
<tr>
<td>MuSK Antibodies</td>
<td>450</td>
<td>01</td>
<td>U/mL</td>
<td>01</td>
<td></td>
</tr>
</tbody>
</table>

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- Positive: 1.0 or higher

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**COMMENTS:**
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For inquiries, the physician may contact **Branch: 800-222-7566 Lab: 800-282-7300**