MAYO CLINIC
Mayo Medical Laboratories

Laboratory Service Report 1-800-533-1710

Patient Name	Patient ID	Age	Gender	Order #
SAMPLEREPORT,FMUSK	SA00062885	47	F	SA00062885
Ordering Phys CLIENT,CLIENT				**DOB** 06/10/1966
Client Order # SA00062885	**Account Information**			**Report Notes**
Collected 10/01/2013 00:00	C7028846-DLMP Rochester SDSC 2 - Client Support Rochester, MN 55901			
Printed 10/02/2013 13:12				

Test	Flag	Results	Unit	Reference Value	Perform Site*

MuSK Quantitative Titers Antibody
RECEIVED: 10/02/2013 12:18 **REPORTED:** 10/02/2013 12:18

MuSK Antibody Y007

Interpretation:
Negative

This individual is negative for muscle-specific receptor tyrosine kinase (MuSK) antibodies that are associated with Myasthenia gravis syndrome (MG).

Technical Results-
MuSK Antibody Titer: <10

MuSK antibody Reference Range (titer)

Negative	Borderline	Positive
<10	10	> or = 20

Comments:
This analysis did not detect immunoreactivity to the muscle-specific receptor tyrosine kinase (MuSK). Current literature indicates that 20% of individuals clinically diagnosed with Myasthenia gravis are seronegative for acetylcholine receptor antibodies. Of these seronegative individuals, 70% have elevated antibodies to MuSK. Therefore, a negative MuSK antibody result may not rule out MG as the etiology for the patient's symptoms. Depending on the patient symptoms additional testing may be considered, including analysis for AChR-antibodies. Studies demonstrate Titer of MuSK antibody may correlate to severity of clinical symptoms.

FINAL REPORT

This test was developed and its performance characteristics have been determined by Athena Diagnostics. It has not been cleared or approved by the U.S. Food and Drug Administration. The FDA has determined that such clearance or approval is not necessary. Performance characteristics refer to the analytical performance of the test.

* Performing Site:

Y007	Athena Diagnostics 377 Plantation St Four Biotech Park Worcester, MA 01605	Lab Director:

Patient Name	Collection Date and Time	Report Status
SAMPLEREPORT,FMUSK	10/01/2013 00:00	Final
Page 1 of 1		** End of Report **

* Report times for Mayo performed tests are CST/CDT