MAYO CLINIC
Mayo Medical Laboratories

LABORATORY SERVICE REPORT

1-800-533-1710

PATIENT NAME	PATIENT NUMBER	AGE	SEX	ACCESSION #
PATIENT, TEST A	L3MRNW4115227	71	F	W4115227

ORDERING PHYSICIAN	CLIENT ORDER #	ACCOUNT #
		LIAISONS

COLLECTION DATE TIME	RECEIVED DATE TIME	REPORT PRINTED DATE TIME	SPECIMEN INFORMATION
07/12/11 08:30 A	07/12/11 08:34 A	07/12/11 12:00 P	DATE OF BIRTH: 1/1/1940

Test Client
Attn: Mayo Liaisons
200 First Street SW
Rochester, MN 55905
507-284-8202

TEST REQUESTED	HI LO			REF RANGE	PERFORM SITE *
CRMP-5-IgG Western Blot, S				**REPORTED: 07/12/11 08:38 A**	
CRMP-5-IgG Western Blot, S		Negative		Negative	MCR
ACh Receptor (Muscle) Modulating Ab				**REPORTED: 07/12/11 08:38 A**	
ACh Receptor (Muscle) Modulating Ab	H	100	%		MCR
-- EXPECTED VALUES -- 0-20% (reported as __% loss of AChR)					
Autoimmune Dysautonomia Eval, S				**REPORTED: 07/12/11 08:39 A**	
ACh Receptor (Muscle) Binding Ab	H	1.85	nmol/L	<=0.02	MCR
Striational (Striated Muscle) Ab, S		POSITIVE 1:1920	titer	<1:60	MCR

CRMP-5-IgG Western Blot and ACh Receptor Modulating Ab ordered by reflex.

Interpretive Comments MCR

The following antibodies were identified:
Muscle AChR Binding, Muscle AChR Modulating, and Striational.
*
This profile is consistent with organ-specific neurological autoimmunity, and may be associated with multifocal neurological manifestations.
*
A paraneoplastic basis should be considered. Investigation for neoplasia, is warranted according to age, sex, and other risk factors. Considerations include: thymoma or carcinoma (lung, colon, breast, prostate, mullerian). Neuroblastoma or thymoma should be considered in pediatric cases.
*

** Perform Site Legend on last page of report*

PATIENT NAME	ORDER STATUS	COLLECTION DATE AND TIME
PATIENT, TEST A	Final	07/12/11 08:30 A

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References:
Lennon VA: Serological diagnosis of myasthenia gravis and distinction from the Lambert-Eaton myasthenic syndrome. Neurology 1997; 48(Suppl 5):S23-S27.
*
Lachance DH, Lennon VA. (2008). Chapter 19: Paraneoplastic neurological autoimmunity. In: Neuroimmunology in Clinical Practice (B Kalman, T Brannagan III, Eds.) Blackwell Publishing Ltd., pp. 210-217.
*
Cikes N, Momoi MY, Williams CL, et al: Striational autoantibodies: quantitative detection by enzyme immunoassay in myasthenia gravis, thymoma, and recipients of D-penicillamine or allogeneic bone marrow. Mayo Clin Proc 1988 May;63(5):474-481.
*

N-Type Calcium Channel Ab	**0.00**	**nmol/L**	**<=0.03**	**MCR**
P/Q-Type Calcium Channel Ab	**0.00**	**nmol/L**	**<=0.02**	**MCR**
GAD65 Ab Assay, S	**0.00**	**nmol/L**	**<= 0.02**	**MCR**
ANNA-1, S	**Negative**	**titer**	**<1:240**	**MCR**
AChR Ganglionic Neuronal Ab, S	**0.00**	**nmol/L**	**<=0.02**	**MCR**
Neuronal (V-G) K+ Channel Ab, S	**0.00**	**nmol/L**	**<=0.02**	**MCR**

*** PERFORMING SITE**

MCR	Mayo Clinic Dpt of Lab Med & Pathology 200 First Street SW Rochester, MN 55905	Lab Director: Franklin R. Cockerill, III, M.D.

PATIENT NAME	ORDER STATUS	COLLECTION DATE AND TIME
PATIENT, TEST A	Final	07/12/11 08:30 A