Test Definition: MGLES

Myasthenia Gravis (MG)/Lambert-Eaton Syndrome (LES) Evaluation

Reporting Title: MG/LES Evaluation
Performing Location: Rochester

Specimen Requirements:

Container/Tube:
Preferred: Red top
Acceptable: Serum gel
Specimen Volume: 3 mL
Additional Information: Patient should have no general anesthetic or muscle-relaxant drugs in the previous 24 hours.
Forms: If not ordering electronically, submit a General Request Form (Supply T239) with the specimen.

Specimen Type	Temperature	Time
Serum	Refrigerated (preferred)	14 days
	Ambient	72 hours
	Frozen	

Result Codes:

Result ID	Reporting Name	Type	Unit	LOINC®
81185	P/Q-Type Calcium Channel Ab	Numeric	nmol/L	33980-4
81184	N-Type Calcium Channel Ab	Numeric	nmol/L	33979-6
8338	ACh Receptor (Muscle) Binding Ab **Also used by tests: ARBI**	Numeric	nmol/L	11034-6
8879	ACh Receptor (Muscle) Modulating Ab	Numeric	%	30192-9
8746	Striational (Striated Muscle) Ab, S **Also used by tests: STR**	Alphanumeric	titer	8097-8

Components:

Test ID	Reporting Name	CPT Units	CPT Code	Always Performed	Orderable Separately
CCPQ	P/Q-Type Calcium Channel Ab	1	83519	Yes	No
CCN	N-Type Calcium Channel Ab	1	83519	Yes	No
ARBI	ACh Receptor (Muscle) Binding Ab	1	83519	Yes	Yes

Test ID	Reporting Name	CPT Units	CPT Code	Always Performed	Orderable Separately
ARMO	ACh Receptor (Muscle) Modulating Ab	1	83519	Yes	No
STR	Striational (Striated Muscle) Ab, S	1	83520	Yes	Yes

Reflex Tests:

Test ID	Reporting Name	CPT Units	CPT Code	Always Performed	Orderable Separately
CRMWS	CRMP-5-IgG Western Blot, S	1	84182	No	No
GANG	AChR Ganglionic Neuronal Ab, S	1	83519	No	No

Result Codes for Reflex Tests:

Test ID	Result ID	Reporting Name	Type	Unit	LOINC®
CRMWS	83107	CRMP-5-IgG Western Blot, S	Alphanumeric		47401-5
GANG	84321	AChR Ganglionic Neuronal Ab, S	Numeric	nmol/L	42233-7

Reference Values:

ACh RECEPTOR (MUSCLE) BINDING ANTIBODY
< or =0.02 nmol/L

ACh RECEPTOR (MUSCLE) MODULATING ANTIBODIES
0-20% (reported as __% loss of AChR)

N-TYPE CALCIUM CHANNEL ANTIBODY
< or =0.03 nmol/L

P/Q-TYPE CALCIUM CHANNEL ANTIBODY
< or =0.02 nmol/L

STRIATIONAL (STRIATED MUSCLE) ANTIBODIES
<1:60