

**TEST CHANGE**

**Autoimmune Neuromuscular Junction Reflexive Panel**

3003017, MUWA R2

**Specimen Requirements:**

**Patient Preparation:**

**Collect:** Serum separator tube (SST).

**Specimen Preparation:** Separate serum from cells ASAP or within 2 hours of collection. Transport 2 mL serum. (Min: 1 mL)

**Transport Temperature:** Refrigerated.

**Unacceptable Conditions:** Plasma. Contaminated, hemolyzed, or severely lipemic specimens.

**Remarks:**

**Stability:** Ambient: 48 hours; Refrigerated: 2 weeks; Frozen: 1 year

**Methodology:** Quantitative Radioimmunoassay/Qualitative Radiobinding Assay/Semi-Quantitative Flow Cytometry/Semi-Quantitative Indirect Fluorescent Antibody

**Performed:** Tue

**Reported:** 2-8 days

**Note:** If Acetylcholine Receptor Binding Antibody result is greater than 0.4 nmol/L or Acetylcholine Receptor Blocking Antibody result is greater than 26 percent, then Acetylcholine Receptor Modulating Antibody will be added. If Striated Muscle Ab is detected, then a titer will be added. If VGKC is Indeterminate or Positive, LGI1 Antibody IgG and CASPR2 Antibody IgG will be added. If LGI1 antibody IgG is positive, then LGI1 antibody IgG titer will be added. If CASPR2 antibody IgG is positive, then CASPR2 antibody IgG titer will be added. Additional charges apply.

**CPT Codes:** 83519 x3; 83516 x2; 86255; 86596 x2; if reflexed, add 83516; 86255 x2; 86256 x3

**New York DOH Approval Status:** This test is New York DOH approved.

**Interpretive Data:**

Refer to report.

Component	Interpretation
Acetylcholine Receptor Binding Antibody	0.0-0.4 nmol/L Negative 0.5 nmol/L or greater Positive
Acetylcholine Receptor Blocking Antibody	0-26% blocking Negative 27-41% blocking Indeterminate 42% or greater blocking Positive
P/Q-Type Voltage-Gated Calcium Channel (VGCC) Antibody	0.0 to 24.5 pmol/L Negative 24.6 to 45.6 pmol/L Indeterminate 45.7 pmol/L or greater Positive
Voltage-Gated Potassium Channel (VGKC) Antibody, Serum	31 pmol/L or less Negative 32-87 pmol/L Indeterminate 88 pmol/L or greater Positive
Titin Antibody	0.00-0.45 IV Negative 0.46-0.71 IV Indeterminate 0.72 IV or greater Positive
N-Type Calcium Channel Antibody	0.0 to 69.9 pmol/L Negative 70.0 to 110.0 pmol/L Indeterminate 110.1 pmol/L or greater Positive
Ganglionic Acetylcholine Receptor Antibody	0.0 - 8.4 pmol/L Negative 8.5 - 11.6 pmol/L Indeterminate 11.7 pmol/L or greater Positive

Reference Interval:

Test Number	Components	Reference Interval
	Striated Muscle Antibodies, IgG Screen	Less than 1:40
	Acetylcholine Binding Antibody	0.4 nmol/L or less
	P/Q-Type Calcium Channel Antibody	24.5 pmol/L or less
	Acetylcholine Blocking Antibody	26 % blocking or less
	Voltage-Gated Potassium Channel Ab, Ser	31 pmol/L or less
	Titin Antibody	0.45 IV or less
	N-Type Calcium Channel Antibody	69.9 pmol/L or less
	Ganglionic Acetylcholine Receptor Ab	8.4 pmol/L or less