

Acetylcholine Receptor Modulating Antibody

Test ID: 26474

CPT: 86043

Clinical Significance

Acetylcholine Receptor Modulating Antibody - Myasthenia Gravis (MG) is an autoimmune neuromuscular disorder characterized by muscle weakness, most commonly due to autoantibody-mediated loss of functional acetylcholine receptors (AChR) in the neuromuscular junction. AChR binding autoantibodies are diagnostic of MG, and are found in 85-90% of MG patients. AChR modulating antibodies cross-link AChR molecules on cell surface, promoting internalization, and decreasing AChR surface density. The AChR binding and modulating antibody assays have similar sensitivities, but performing them together increases sensitivity of antibody detection by approximately 5%.

Test Details

Components:

Methodology: Radiobinding Assay (RBA)

Reference Range

<32 % InhibitionTM

Container

Serum Separator Tube (SST®)

Transport Temperature

Room temperature

Specimen(s)

1 mL serum
Minimum Volume: 0.5 mL

Specimen Stability

Room temperature: 14 days
Refrigerated: 14 days
Frozen: 30 days

Reject Criteria

Gross hemolysis • Grossly lipemic •
Microbially contaminated

Days Performed

Set up: Sun, Tues, Thurs
Report available: 7 days

Collection Instructions

*The CPT codes provided are based on AMA guidance and are for informational purposes only. CPT coding is the sole responsibility of the billing party. Please direct any questions regarding coding to the payer being billed.