

Acetylcholine Receptor Modulating Antibody

Test ID: 26474

CPT: 83519

Clinical Significance:

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%.

Profile Components:



Labtech Diagnostics

Container:

Serum Separator Tube (SST®)

Transport Temperature:

Room temperature

Specimen:

Serum

Specimen Stability:

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

Reject Criteria:

Gross hemolysis • Grossly lipemic
• Microbially contaminated

Days Performed:

Sun-Fri; Report available: 5 days

Collection Instructions: