

Acetylcholine Receptor Blocking Antibody

Test ID: 34459

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 blocking autoantibodies prevent interaction of binding antibodies with the AChR. Fewer than 1% of patients have blocking antibodies without binding antibodies. Blocking antibodies are present in about 50% of patients with MG, but rare in other conditions. Therefore, blocking antibodies have utility in ruling out a possible false positive binding assay and detecting the rare patient without AChR binding antibodies.

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 days

Reject Criteria:

Gross hemolysis • Grossly lipemic
• Microbially contaminated

Days Performed:

Sun, Mon, Tues, Fri, Sat;
Report available: 2-5 days

Collection Instructions: