

Acetylcholine Receptor Binding Antibody

Test ID: 206

CPT: 86041

Clinical Significance

Acetylcholine Receptor Binding 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. This assay aids in the differential diagnosis of conditions with MG-like muscle weakness and in monitoring therapeutic response. If binding antibodies are negative, assays for modulating and blocking antibodies should be considered.

Test Details

Components: Acetylcholine Receptor Binding Antibody

Methodology: Radioimmunoassay (RIA)

Reference Range

Negative	≤0.30 nmol/L
Equivocal	0.31-0.49 nmol/L
Positive	≥0.50 nmol/L

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: Tues-Sat;
Report available: 2-5 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.