

NEW TEST

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**Muscle-Specific Kinase (MuSK) Antibody, IgG by CBA-IFA with Reflex to Titer, Serum
3006198, MuSK SER**

Specimen Requirements:

Patient Preparation:

Collect: One 4 mL plain red or serum separator tube (SST)

Specimen Preparation: Separate from cells ASAP or within 2 hours of collection. Transfer 2 mL of serum to an ARUP standard transport tube. (Min: 0.5 mL)

Transport Temperature: Refrigerated

Unacceptable Conditions: Grossly lipemic, icteric, or hemolyzed specimens.

Remarks:

Stability: After separation from cells: Ambient: 48 hours; Refrigerated: 2 weeks; Frozen: 1 month (avoid multiple freeze/thaw cycles)

Methodology: Semi-Quantitative Cell-Based Indirect Fluorescent Antibody

Performed: Mon, Wed, Fri

Reported: 1-6 days

Note: If MuSK SER antibody IgG is positive, then titer will be added. Additional charges apply.

CPT Codes: 86255; if reflexed add 86256

New York DOH Approval Status: Specimens from New York clients will be sent out to a New York DOH approved laboratory, if possible.

Interpretive Data:

Muscle-specific kinase (MuSK) antibody is found in a subset of patients with myasthenia gravis, primarily those seronegative for muscle acetylcholine receptor (AChR) antibody. Decreasing antibody levels may be associated with therapeutic response; therefore, clinical correlation must be strongly considered. A negative test result does not rule out a diagnosis of myasthenia gravis.

This indirect fluorescent antibody cell-based assay (CBA) utilizes muscle-specific kinase (MuSK) transfected cells for the detection of the MuSK IgG antibody.

Reference Interval:

Test Number	Components	Reference Interval
	MuSK Ab IgG CBA IFA Screen, Serum	Less than 1:10

HOTLINE NOTE: Refer to the Hotline Test Mix for interface build information.