

## REPORTING CHANGE

**NOTIFICATION DATE:** May 26, 2009

**EFFECTIVE DATE:** July 9, 2009

### MYASTHENIA GRAVIS (MG) EVALUATION, PEDIATRIC #83371

**EXPLANATION:** Acetylcholine Receptor (AChR) Blocking Antibody testing will become obsolete on July 9, 2009. Currently, the AChR Blocking Ab test is only performed through reflex as part of this evaluation when AChR Modulating antibodies is 40% to 100% loss or indeterminate. AChR blocking antibodies represent a minority of the AChR antibodies and usually occur in association with AChR binding antibodies and are very rarely present without elevated AChR modulating antibodies. The AChR Modulating antibodies test, as routinely performed in our laboratory, detects both AChR Modulating antibodies and AChR Blocking antibodies. The separate measurement of AChR Blocking antibodies offers no information that additionally informs the diagnosis and management of myasthenia gravis (MG). Therefore, Mayo Medical Laboratories will cease performing selective testing for AChR Blocking antibodies in an effort to provide more cost-effective MG testing.

#### CURRENT REPORT:

##### Profile Information:

Unit Code	Reporting Name	Available Separately	Always Performed
8338	ACh Receptor (Muscle) Binding Ab	Yes	Yes
83378	ACh Receptor (Muscle) Modulating Ab	No	Yes

##### Reflex Tests:

Unit Code	Reporting Name	Available Separately	Always Performed
83379	ACh Receptor (Muscle) Blocking Ab	No	No

#### NEW REPORT:

##### Profile Information:

Unit Code	Reporting Name	Available Separately	Always Performed
8338	ACh Receptor (Muscle) Binding Ab	Yes	Yes
83378	ACh Receptor (Muscle) Modulating Ab	No	Yes

QUESTIONS: Contact your Mayo Medical Laboratories' Regional Manager  
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