

NMO EVALUATION WITH REFLEX, SERUM #60796

USEFUL FOR: Establishing the diagnosis of a NMO spectrum disorders (NMOSD) and distinguishing one of these disorders from MS early in the course of disease. This allows early initiation and maintenance of optimal therapy.

Profile Information:

Unit Code	Reporting Name	Available Separately	Always Performed
29347	Interpretive Comments	No	Yes
60795	NMO/AQP4-IgG ELISA, S	No	Yes

Reflex Tests:

Unit Code	Reporting Name	Available Separately	Always Performed
83185	NMO-IgG, Serum	No	No

Testing Algorithm:

If NMO/AQP4 ELISA results are ≥ 1.6 U/mL and ≤ 5.0 U/mL, NMO-IgG will be performed at an additional charge.

METHODOLOGY: ELISA

Indirect immunofluorescence (if appropriate)

SPECIMEN REQUIRED: Serum

Container/Tube: Plain, red-top tube or serum gel tube

Specimen Volume: 4 mL

Collection Instructions:

Note: Include relevant clinical information, name, phone number, mailing address, and e-mail address (if applicable) of ordering physician.

REFERENCE VALUES:

NMO/AQP4-IgG by ELISA: < 1.6 U/mL

For NMO/AQP4-IgG ELISA, positive results are ≥ 5 U/mL. Negative results are < 1.6 U/mL.

Indeterminate results are 1.6-4.9 U/mL. Serum samples with indeterminate results will be reflexed to 83185 NMO-IgG immunofluorescence testing for confirmation of positivity or negativity. NMO-IgG immunofluorescence is positive if characteristic immunostaining pattern is present at a dilution of $\geq 1:60$.

NMO-IgG by Indirect Immunofluorescence: Negative

CAUTIONS:

- Seronegativity does not exclude the diagnosis of a neuromyelitis optica spectrum disorder (current seronegativity rate is 23%).

- Seronegativity may reflect immunosuppressant therapy.

LIST FEE: \$515.60

The following test(s) may be added per the testing algorithm:

\$515.60 for #83185 "NMO-IgG, Serum"

CPT CODE: 86255 (x2 if appropriate)

ANALYTIC TIME: 4 days

DAY(S) SET-UP: Monday through Friday; 9 a.m.

QUESTIONS: Contact your Mayo Medical Laboratories' Regional Manager or
Steven Monson, MML Laboratory Technologist Resource Coordinator
Telephone: 800-533-1710