

NEUROMYELITIS
OPTICA
SPECTRUM
PANEL

Orderable - Serum: NMOSD CSF: NMOSDCSF

Turnaround Time: 7 days

Alternate Name(s):

Anti Myelin Oligodendrocyte Glycoprotein and Anti Aquaporin4, IgG
Anti AQP4 antibody
Anti NMO antibody
Anti MOG antibody



Laboratory:
Clinical Immunology Lab



Requisition:
GENERAL LABORATORY
REQUISITION



Method of Analysis:
Recombinant Cell-based
Immunofluorescence
Assay (IFA)



Test Schedule:
Batch analysis

Specimen:

Adult	Pediatric
5 mL Gold top Vacutainer tube or 6 mL Red top Vacutainer tube	0-2 years: Red 0.5 mL Microtainer 2-10 years: 2 mL Red top
EDTA, Heparin or Citrate plasma are also acceptable	
CSF will also be accepted	

Collection Information:

Minimum volume required for testing is 0.1 mL

Reference Ranges:

Negative

Interpretive Comments:

This test can be used to help distinguish between Multiple Sclerosis (MS) and Neuromyelitis Optica Spectrum Disorders (NMOSD).

Specimen Stability:

The samples can be stored for up to 14 days at temperatures of 2-8°C. For longer storage, store at -20°C.
Avoid freeze/thaw cycles.



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Comments:

This test is available to LHSC Neurologists only and accepted from referred in locations.

A single autoantibody test is not diagnostic and should not be used to determine course of treatment.

The test result must be evaluated with consideration of clinical presentation, patient history and other laboratory tests.

Critical Information Required:

Testing for AQP4 and MOG antibodies may be more sensitive in serum than in CSF. CSF testing should only be considered in patients receiving acute immunotherapy such as plasma exchange, and should be accompanied by a serum sample.