



# Test Definition: CDS1

## CNS Demyelinating Disease Evaluation, Serum

**Reporting Title:** CNS Demyelinating Disease Eval, S

**Performing Location:** Mayo Clinic Laboratories - Rochester Main Campus

### Ordering Guidance:

Multiple neurological phenotype-specific autoimmune/paraneoplastic evaluations are available. For more information as well as phenotype-specific testing options, refer to [Autoimmune Neurology Test Ordering Guide](#).

For a list of antibodies performed with each evaluation, see [Autoimmune Neurology Antibody Matrix](#).

### Specimen Requirements:

**Patient Preparation:** For optimal antibody detection, specimen collection is recommended before initiation of immunosuppressant medication.

**Supplies:** Sarstedt Aliquot Tube, 5 mL (T914)

**Collection Container/Tube:**

**Preferred:** Red top

**Acceptable:** Serum gel

**Submission Container/Tube:** Plastic vial

**Specimen Volume:** 3 mL

**Collection Instructions:** Centrifuge and aliquot serum into a plastic vial.

### Forms:

If not ordering electronically, complete, print, and send a [Neurology Specialty Testing Client Test Request](#) (T732) with the specimen.

Specimen Type	Temperature	Time	Special Container
Serum	Refrigerated (preferred)	28 days	
	Ambient	72 hours	
	Frozen	28 days	

### Result Codes:

Result ID	Reporting Name	Type	Unit	LOINC®
38324	NMO/AQP4 FACS, S	Alphanumeric		43638-6
65563	MOG FACS, S	Alphanumeric		90248-6
113625	CNS Demyelinating Disease Interp, S	Alphanumeric		69048-7

LOINC® and CPT codes are provided by the performing laboratory.

### Supplemental Report:

No

### Components:

Test Id	Reporting Name	CPT Units	CPT Code	Always Performed	Available Separately
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CSI1	CNS Demyelinating Disease Interp, S			Yes	No
NMOFS	NMO/AQP4 FACS, S	1	86053	Yes	Yes
MOGFS	MOG FACS, S	1	86363	Yes	Yes

**CPT Code Information:**

86053  
 86363  
 86053-Titer (if appropriate)  
 86363-Titer (if appropriate)

**Reflex Tests:**

Test ID	Reporting Name	CPT Units	CPT Code	Always Performed	Available Separately
NMOTS	NMO/AQP4 FACS Titer, S	1	86053	No	No
MOGTS	MOG FACS Titer, S	1	86363	No	No

**Result Codes for Reflex Tests:**

Test ID	Result ID	Reporting Name	Type	Unit	LOINC®
NMOTS	64557	NMO/AQP4 FACS Titer, S	Alphanumeric	titer	86241-7
MOGTS	65564	MOG FACS Titer, S	Alphanumeric	titer	In Process

**Reference Values:**

MYELIN OLIGODENDROCYTE GLYCOPROTEIN FLORESCENCE-ACTIVATED CELL SORTING(FACS)  
 Negative  
 Reference values apply to all ages.

NEUROMYELITIS OPTICA/AQUAPORIN-4-IgG FACS  
 Negative  
 Reference values apply to all ages.