TEST CHANGE

Myelin Oligodendrocyte Glycoprotein (MOG) Antibody, IgG by CBA-IFA with Reflex to Titer, Serum

3001277, MOG SER

Specimen Requirements:	
Patient Preparation:	
Collect:	Serum separator tube~~Separator Tube~~ (SST) or plain red~~Plain Red~~.
Specimen Preparation:	Transfer 1 mL serum to an ARUP standard transport tube.~~Standard Transport Tube.~~ (Min: 0.15 mL)
Transport Temperature:	Refrigerated.
Unacceptable Conditions:	Hemolyzed, contaminated, or severely lipemic specimens.
Remarks:	
Stability:	Ambient: 48 hours; Refrigerated: 2 weeks; Frozen: 1 month
Methodology:	Semi-Quantitative Cell-Based Indirect Fluorescent Antibody
Performed:	Mon,Wed, Fri
Reported:	1-6 days
Note:	If Myelin Oligodendrocyte Glycoprotein (MOG) Antibody, IgG by IFA with Reflex to Titer, Serum is positive, then a Myelin Oligodendrocyte Glycoprotein (MOG) Antibody Titer, IgG is performed. Additional charges apply.
CPT Codes:	86362; if reflexed, add 86256
New York DOH Approval Status:	This test is New York DOH approved.

Interpretive Data:

Myelin oligodendrocyte glycoprotein (MOG) antibody is found in a subset of patients with neuromyelitis optica spectrum disorders~~,~~ including optic neuritis and transverse myelitis, brainstem encephalitis, and acute disseminated encephalomyelitis. Persistence of antibody positivity may be associated with a relapsing course. ~~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 CNS demyelinating disease. Results should be interpreted in correlation with the patients clinical history and other laboratory findings ~~or autoimmune encephalitis~~.

This indirect fluorescent antibody assay utilizes full-length MOG transfected cell lines for the

detection and semiquantification of MOG IgG antibody. ~~semi-quantification of MOG IgG antibody~~

~~This test was developed and its performance characteristics determined by ARUP Laboratories. It has not been cleared or approved by the US Food and Drug Administration. This test was performed in a CLIA certified laboratory and is intended for clinical purposes.~~

Reference Interval:

Less than 1:10