TEST CHANGE

Aquaporin-4 Antibody, IgG by CBA-IFA with Reflex to Titer, Serum

2013320, AQP4 SER

Specimen Requirements:	
Patient Preparation:	N/A
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:	Contaminated.
Remarks:	N/A
Stability:	Ambient: 48 hours; Refrigerated: 2 weeks; Frozen: 1 year
Methodology:	Semi-Quantitative Cell-Based Indirect Fluorescent Antibody
Performed:	Mon, Wed, Fri
Reported:	1-6 days
Note:	If AQP4 antibody IgG is positive, then an AQP4 antibody IgG titer is reported. Additional charges apply.
CPT Codes:	86052; if reflexed, add 86256
New York DOH Approval Status:	This test is New York DOH approved.

Interpretive Data:

Neuromyelitis optic~~Diagnosis of neuromyelitis optica~~ (NMO) commonly presents with optic neuritis or ~~requires the presence of~~ longitudinally extensive transverse~~acute~~ myelitis. ~~(lesions extending over 3 or more vertebral segments) and optic neuritis.~~ Approximately 75% ~~percent~~ of patients with NMO have~~express~~ antibodies to the aquaporin-4 (AQP4) receptor. While the absence of AQP4 receptor antibodies does not rule out a diagnosis of NMO, presence of this antibody is diagnostic for NMO.

This indirect fluorescent antibody assay utilizes AQP4 receptor transfected cell lines for the detection and semiquantification of AQP4 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