

TEST CHANGE

Metabotropic Glutamate Receptor 1 (mGluR1) Antibody, IgG by CBA-IFA With Reflex to Titer, CSF

3006039, MGLUR1 CSF

Specimen Requirements:

Patient Preparation:

Collect: Separate CSF.

Specimen Preparation: Transfer **10-5** mL CSF to an ARUP standard transport tube.
(Min: **0.315** mL)

Transport Temperature: Refrigerated.

Unacceptable Conditions: Grossly hemolyzed or contaminated specimens.

Remarks:

Stability: Ambient: 48 hours; Refrigerated: 2 weeks; Frozen: 1 month
(Three freeze/thaw cycles are acceptable)

Methodology: **Semi-Quantitative** ~~Semiquantitative~~ Cell-Based Indirect
Fluorescent Antibody

Note: If mGluR1 antibody IgG is positive, then mGluR1 antibody IgG
titer will be added. Additional charges apply.

CPT Codes: 86255; if reflexed, add 86256

New York DOH Approval Status: This test is New York DOH approved.

Interpretive Data:

Metabotropic glutamate receptor 1 (mGluR1) antibody is found in a subset of patients with autoimmune cerebellar ataxia or autoimmune encephalitis and may occur with or without associated tumor. A negative test result does not rule out a diagnosis of autoimmune cerebellar ataxia or limbic encephalitis. Interpretation of any antineural antibody test requires clinical correlation.

This indirect fluorescent antibody assay utilizes mGluR1 transfected cell lines for detection and semiquantification of mGluR1 IgG antibody.

Reference Interval:

Test Number	Components	Reference Interval
	mGluR1 Ab IgG CBA IFA Screen, CSF	Less than 1:1