

NEW TEST

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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 0.5 mL CSF to an ARUP standard transport tube. (Min: 0.15 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: Semiquantitative Cell-Based Indirect Fluorescent Antibody

Performed: Wed

Reported: 1-8 days

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: Specimens from New York clients will be sent out to a New York DOH approved laboratory, if possible.

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:

Less than 1:1

HOTLINE NOTE: Refer to the Hotline Test Mix for interface build information.