

**TEST CHANGE**

Alpha-Amino-3-hydroxy-5-methyl-4-isoxazolepropionic Acid (AMPA) Receptor Antibody, IgG by CBA-IFA with Reflex to Titer, CSF

3001257, AMPA CSF

**Specimen Requirements:**

Patient Preparation:

Collect: CSF.

Specimen Preparation: Transfer 0.5 mL CSF 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: Wed

Reported: 1-8 days

Note: If Alpha-Amino-3-hydroxy-5-methyl-4-isoxazolepropionic Acid (AMPA) Receptor Antibody, IgG by IFA with Reflex to Titer, CSF IgG is positive, then an Alpha-amino-3-hydroxy-5-methyl-4-isoxazolepropionic Acid (AMPA) Receptor Antibody Titer, IgG, CSF is reported. Additional charges apply.

CPT Codes: 86255; if reflexed, add 86256

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

**Interpretive Data:**

Alpha-amino-3-hydroxy-5-methyl-4-isoxazolepropionic acid (~~AMPA~~)-receptor (~~AMPA~~) antibody is found in a subset of patients with autoimmune limbic encephalitis and may occur with or without associated tumor. 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 autoimmune encephalitis. Results should be interpreted in correlation with the patients clinical history and other laboratory findings.

This indirect fluorescent antibody assay utilizes AMPAR transfected cell lines for detection and ~~semiquantification~~ semi-quantification of AMPAR 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 1:1

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