

Quarterly HOTLINE: Effective February 19, 2019

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<b>New Test</b>	<b>3001257</b>	<b>Alpha-Amino-3-hydroxy-5-methyl-4-isoxazolepropionic Acid (AMPA) Receptor Antibody, IgG by IFA with Reflex to Titer, CSF</b>	<b>AMPA CSF</b>
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<b>Methodology:</b>	Semi-Quantitative Indirect Fluorescent Antibody
<b>Performed:</b>	Wed
<b>Reported:</b>	1-8 days

**Specimen Required:** Collect: CSF.

Specimen Preparation: Transfer 0.5 mL CSF to an ARUP Standard Transport Tube. (Min: 0.15 mL)

Storage/Transport Temperature: Refrigerated.

Unacceptable Conditions: Hemolyzed, contaminated, or severely lipemic specimens.

Stability (collection to initiation of testing): Ambient: 48 hours; Refrigerated: 2 weeks; Frozen: 1 month

**Reference Interval:** Less than 1:1

**Interpretive Data:** Alpha-amino-3-hydroxy-5-methyl-4-isoxazolepropionic acid (AMPA) receptor 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.

This indirect fluorescent antibody assay utilizes AMPA transfected cell lines for detection and semi-quantification of AMPA IgG antibody.

See Compliance Statement D: [www.aruplab.com/CS](http://www.aruplab.com/CS)

**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 Code(s):** 86255; if reflexed, add 86256

New York DOH approval pending. Call for status update.

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