

TEST CHANGE

Leucine-Rich, Glioma-Inactivated Protein 1 (LG11) Antibody, IgG by CBA-IFA With Reflex to Titer, CSF

3001992, LG11IGGCSF

Specimen Requirements:

Patient Preparation:

Collect: CSF.

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

Transport Temperature: Refrigerated.

Unacceptable Conditions: Contaminated, hemolyzed, or severely lipemic specimens.

Remarks:

Stability: Ambient: 48 hours; Refrigerated: 2 weeks; Frozen: 1 month

Methodology: Semi-Quantitative Cell-Based Indirect Fluorescent Antibody

Note: If LG11 antibody IgG is positive, then LG11 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:

Leucine-rich, glioma-inactivated 1 protein (LG11) IgG antibody may occur as part of the voltage-gated potassium channel (VGKC) complex antibodies.

The presence of LG11 IgG antibody is mainly associated with limbic encephalitis, hyponatremia, and myoclonic movements. LG11 IgG antibody is rarely associated with tumors but may occur infrequently in Morvan syndrome, neuromyotonia, and idiopathic epilepsy. The full spectrum of clinical disorders associated with the LG11 IgG antibody continues to be defined. Results should be interpreted in correlation with the patient's clinical history and other laboratory findings.

This indirect fluorescent antibody assay utilizes LG11 transfected cell lines for the detection and semiquantification of the LG11 IgG antibody.

Reference Interval:

[Less than 1:1](#)

| Test Number | Components | Reference Interval |
|-------------|---------------------------------|--------------------|
| | LG11 Ab IgG CBA-IFA Screen, CSF | Less than 1:1 |