

TEST CHANGE

Contactin-Associated Protein-2 (CASPR2) Antibody, IgG by CBA-IFA With Reflex to Titer, CSF

3001986, CASPR2GCSF

Specimen Requirements:

Patient Preparation:

Collect: CSF.

Specimen Preparation: Transfer ~~10-5~~ mL CSF to an ARUP standard transport tube. (Min: ~~0.3-1.5~~ 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 CASPR2 antibody IgG is positive, then CASPR2 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:

Contactin-associated protein-2 (CASPR2) IgG antibody may occur as part of the voltage-gated potassium channel (VGKC) complex antibodies.

The presence of CASPR2 IgG antibody is associated with a wide spectrum of clinical manifestations, including acquired neuromyotonia, limbic encephalitis, painful neuropathy, and Morvan syndrome. Tumors such as thymoma, small cell lung cancer, and other rarer tumors may occur. The full spectrum of clinical disorders and tumors associated with the CASPR2 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 CASPR2 transfected cell lines for the detection and semiquantification of the CASPR2 IgG antibody.

Reference Interval:

Refer to report ~~Less than 1:1~~

Test Number	Components	Reference Interval
	CASPR2 Ab IgG CBA-IFA Screen, CSF	Less than 1:1



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and its Department of Pathology*

Effective Date: **April 20, 2026**