

TEST CHANGE

Gamma Aminobutyric Acid Receptor, Type B (GABA-BR) Antibody, IgG by CBA-IFA With Reflex to Titer, CSF

3001267, GABA-B CSF

Specimen Requirements:

Patient Preparation:

Collect: CSF.

Specimen Preparation: Transfer ~~10-5~~ mL CSF to an ARUP standard transport tube. (Min: ~~0.3-15~~ 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

Note: If Gamma Aminobutyric Acid Receptor, Type B (GABA-BR) Antibody, IgG by IFA with Reflex to Titer, CSF is positive, then a Gamma Aminobutyric Acid Receptor, Type B (GABA-BR) Antibody Titer, IgG, CSF is performed. Additional charges apply.

CPT Codes: 86255; if reflexed, add 86256

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

Interpretive Data:

Gamma-amino butyric acid receptor, type B (GABA-BR) antibody is found in a subset of patients with autoimmune epilepsy and other autoimmune neurologic phenotypes; it may occur with or without associated tumor. Decreasing antibody levels may be associated with therapeutic response. A negative test result does not rule out a diagnosis of autoimmune neurologic disease. Results should be interpreted in correlation with the patients clinical history and other laboratory findings.

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

Reference Interval:

[Less than 1:1](#)

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