

TEST CHANGE

Gamma-Aminobutyric Acid Receptor, Type A (GABA-AR) Antibody, IgG by CBA-IFA with Reflex to Titer, CSF

3006003, GABA-A CSF

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: Grossly hemolyzed or contaminated specimens.

Remarks:

Stability: Ambient: 48 hours; Refrigerated: 2 weeks; Frozen: 1 month (Three freeze/thaw cycles are acceptable)

Methodology: ~~Semi-Quantitative~~ **Semiquantitative** Cell-Based Indirect Fluorescent Antibody

Note: If GABA-AR antibody IgG is positive, then GABA-AR 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:

Gamma-aminobutyric acid receptor, type A (GABA-AR) antibody is found in a subset of patients with autoimmune encephalitis or autoimmune epilepsy and may occur with or without an associated tumor. A negative test result does not rule out a diagnosis of autoimmune limbic encephalitis or autoimmune epilepsy. Interpretation of any antineural antibody test requires clinical correlation.

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

Reference Interval:

Less than 1:1

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