



**MAYO**  
Mayo Medical Laboratories  
1-800-533-1710

**NEW TEST ANNOUNCEMENT**  
**NOTIFICATION DATE:** November 21, 2012  
**EFFECTIVE DATE:** December 4, 2012

**GABA-RECEPTOR ANTIBODY BY CBA, SERUM**  
**Test ID: GABCS**

**USEFUL FOR:**

- Evaluating new onset encephalopathy encompassing one or more of the following: confusional states, psychosis, delirium, memory loss, hallucinations, seizures, dyssomnias.
- Evaluating limbic encephalitis
- Directing a focused search for cancer
- Investigating encephalopathy appearing in the course or wake of cancer therapy, and not explainable by metastasis or drug effect
- The following accompaniments should prompt suspicion for autoimmune encephalopathy:
  - Headache
  - Autoimmune stigmata (personal or family history, or signs of diabetes mellitus, thyroid disorder, vitiligo, poliosis [premature graying], myasthenia gravis, rheumatoid arthritis, systemic lupus erythematosus)
  - History of cancer
  - Smoking history (20+ pack years) or other cancer risk factors
  - Inflammatory cerebrospinal fluid (CSF) or isolated protein elevation
  - Neuroimaging signs suggesting inflammation

**METHODOLOGY:** Cell-Binding Assay (CBA) - Indirect Immunofluorescence Assay (IFA).

**REFERENCE VALUES:** Negative

**SPECIMEN REQUIREMENTS:**

**Collection Container/Tube:** Preferred: Red top; Acceptable: Serum gel

**Specimen Volume:** 1.0 mL

**Specimen Stability Information:** Refrigerated (Preferred) 28 days; Ambient 72 hours; Frozen 28 days

**Additional Information:** Include relevant clinical information, name, phone number, mailing address, and e-mail address (if applicable) of ordering physician.

**CAUTIONS:** A negative result does not exclude autoimmune encephalopathy or cancer.

**FEE:** Please contact your Regional Manager for your account's fee information.

**CPT CODE:** 86255

**DAY(S) SET UP:** Wednesday, Friday 8:00am

**ANALYTIC TIME:** Negative:2-4 days Positive:5-7 days

**QUESTIONS:** Contact your Mayo Medical Laboratories' Regional Manager or  
Steven Monson, MML Laboratory Technologist Resource Coordinator  
Telephone: 800-533-1710