

TEST CHANGE

Autoimmune Pediatric CNS Disorders, Serum

3006210, AIPEDS

Specimen Requirements:

Patient Preparation: N/A

Collect: Serum separator tube (SST)

Specimen Preparation: Separate from cells ASAP or within 2 hours of collection. Transfer three 1 mL serum aliquots to ARUP standard transport tubes. (Min: 0.5 mL/aliquot)

Transport Temperature: Frozen

Unacceptable Conditions: Amniotic fluid, ocular fluid, peritoneal fluid, synovial fluid, CSF, or plasma. Contaminated, hemolyzed, icteric, or lipemic specimens.

Remarks:

Stability: After separation from cells: Ambient: 24 hours; Refrigerated: 1 week; Frozen: 30 days (avoid repeated freeze/thaw cycles)

Methodology: Semi-Quantitative Cell-Based Indirect Fluorescent Antibody/Semi-Quantitative Indirect Fluorescent Antibody (IFA)/Semi-Quantitative Enzyme-Linked Immunosorbent Assay (ELISA)

Performed: Varies

Reported: 3-10 days

Note: If NMDA antibody IgG is positive, then titer will be performed. Additional charges apply. PCCA/ANNA antibody IgG is screened by IFA. If the IFA screen is indeterminate, then a Neuronal Nuclear Antibodies (Hu and Tr/DNER) IgG by Immunoblot will be performed. If the IFA screen is positive at 1:10 or greater, then a PCCA/ANNA antibodies titer and Neuronal Nuclear Antibodies (Hu and Tr/DNER) IgG by Immunoblot will be performed. Additional charges apply. If LGI1 antibody IgG is positive, then titer will be added. Additional charges apply. If CASPR2 antibody IgG is positive, then titer will be added. Additional charges apply. If AQP4/NMO antibody IgG by IFA is positive, then titer will be added. Additional charges apply. If GABA-BR antibody IgG by IFA is positive, then titer will be added. Additional charges

apply. If MOG antibody IgG by IFA is positive, then titer will be added. Additional charges apply. If DPPX antibody IgG by IFA is positive, then titer will be added. Additional charges apply. If mGluR1 antibody IgG by IFA is positive, then titer will be added. Additional charges apply. If GABA-AR antibody IgG by IFA is positive, then titer will be added. Additional charges apply. If AMPA antibody IgG by IFA is positive, then titer will be added. Additional charges apply

CPT Codes: 86341; 86362; 86052; 86255 ~~x9~~x8; if reflexed add 84182 x2; 86256 per titer

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

Interpretive Data:

Refer to report.

Reference Interval:

| Test Number | Components | Reference Interval |
|-------------|---|-----------------------|
| | Purkinje Cell/Neuronal Nuclear IgG Scrn | None Detected |
| | Glutamic Acid Decarboxylase Antibody | 0.0-5.0 IU/mL |
| | NMDA Receptor Ab IgG CBA-IFA, Serum | Less than 1:10 |
| | NMO/AQP4 Ab IgG CBA-IFA Screen, Serum | Less than 1:10 |
| | GABA-BR Ab IgG CBA-IFA Scrn, Ser | Less than 1:10 |
| | <u>AMPA Receptor Ab IgG CBA-IFA Scrn, Serum</u> | <u>Less than 1:10</u> |
| | MOG Ab IgG CBA-IFA Screen, Serum | Less than 1:10 |
| | DPPX Ab IgG CBA-IFA Screen, Serum | Less than 1:10 |
| | GABA-AR Ab IgG CBA-IFA Screen, Serum | Less than 1:10 |
| | mGluR1 Ab IgG CBA-IFA Screen, Serum | Less than 1:10 |
| | CASPR2 Ab IgG CBA-IFA Screen, Serum | Less than 1:10 |
| | LGI1 Ab IgG CBA-IFA Screen, Serum | Less than 1:10 |

HOTLINE NOTE: There is a component change associated with this test. One or more components have been added or removed. Refer to the Hotline Test Mix for interface build information.

HOTLINE NOTE: There is a reflexive pattern change associated with this test. One or more orderable or component has been added or removed to the reflexive pattern. Refer to the Hotline Test Mix for interface build information.