A

Encephalopathy, Autoimmune Evaluation, Serum

- Radioimmunoprecipitation Assay (RIA)
  - P/Q-Type Calcium Channel Antibody, Serum
  - N-Type Calcium Channel Antibody, Serum
  - Acetylcholine Receptor (Muscle AChR) Binding Antibody, Serum
  - Ganglionic Acetylcholine Receptor (Alpha-3) Autoantibody, Serum
  - Neuronal Voltage-Gated Potassium Channel Complex (VGKC) Autoantibody, Serum
  - Glutamic Acid Decarboxylase (GAD65) Antibody Assay, Serum
- Immunofluorescence Assay (tissue IFA)
  - Antineuronal Nuclear Antibody-Type 1 (ANNA-1), Serum
  - Antineuronal Nuclear Antibody-Type 2 (ANNA-2), Serum
  - Antineuronal Nuclear Antibody-Type 3 (ANNA-3), Serum
  - Purkinje Cell Cytoplasmic Antibody, Type 1 (PCA-1), Serum
  - Purkinje Cell Cytoplasmic Antibody, Type 2 (PCA-2), Serum
  - Purkinje Cell Cytoplasmic Antibody, Type Tr (PCA-Tr), Serum
  - Amphiphysin Antibody Assay, Serum
  - Collapsin Response-Mediator Protein-5 Neuronal (CRMP-5-IgG), Serum
  - Anti-Glia / Neuronal Nuclear Antibody-Type 1 (AGNA-1), Serum
  - DPPX-Receptor Antibody, Serum
  - mGluR1 Antibody, Serum
- Immunofluorescence Assay (cell binding; CBA)
  - NMDA-Receptor Antibody by CBA, Serum
  - AMPA-Receptor Antibody by CBA, Serum
  - GABA-B-Receptor Antibody by CBA, Serum
  - LGI 1-IgG by CBA, Serum
  - CASPR2-IgG by CBA, Serum

B

Encephalopathy, Autoimmune Evaluation, Spinal Fluid

- Radioimmunoprecipitation Assay (RIA)
  - Glutamic Acid Decarboxylase (GAD65) Antibody Assay, Spinal Fluid
  - Neuronal Voltage-Gated Potassium Channel Complex (VGKC) Autoantibody, Spinal Fluid
- Immunofluorescence Assay (tissue IFA)
  - Antineuronal Nuclear Antibody-Type 1 (ANNA-1), Spinal Fluid
  - Antineuronal Nuclear Antibody-Type 2 (ANNA-2), Spinal Fluid
  - Antineuronal Nuclear Antibody-Type 3 (ANNA-3), Spinal Fluid
  - Purkinje Cell Cytoplasmic Antibody, Type 1 (PCA-1), Spinal Fluid
  - Purkinje Cell Cytoplasmic Antibody, Type 2 (PCA-2), Spinal Fluid
  - Purkinje Cell Cytoplasmic Antibody, Type Tr (PCA-Tr), Spinal Fluid
  - Amphiphysin Antibody Assay, Spinal Fluid
  - Collapsin Response-Mediator Protein-5 Neuronal (CRMP-5-IgG), Spinal Fluid
  - Anti-Glia / Neuronal Nuclear Antibody-Type 1 (AGNA-1), Spinal Fluid
  - DPPX-Receptor Antibody, Spinal Fluid
  - mGluR1 Antibody, Spinal Fluid
- Immunofluorescence Assay (cell binding; CBA)
  - NMDA-Receptor Antibody by CBA, Spinal Fluid
  - AMPA-Receptor Antibody by CBA, Spinal Fluid
  - GABA-B-Receptor Antibody by CBA, Spinal Fluid
  - LGI 1-IgG by CBA, Spinal Fluid
  - CASPR2-IgG by CBA, Spinal Fluid

Supplemental Digital Content 1-1 Mayo Clinic autoimmune encephalopathy evaluation in serum (A) and CSF (B).

AMPA = α-amino-3-hydroxy-5-methyl-4-isoxazolepropionic acid; CBA = cell-binding assay; CASPR2 = contactin associated protein 2; DPPX = dipeptidyl-peptidase-like protein-6; GABA-B = γ-aminobutyric acid B; IgG = immunoglobulin G; IF = immunofluorescence; LGI 1 = leucine-rich, glioma inactivated 1; mGluR1 = metabotropic glutamate receptor 1; NMDA = N-methyl-D-aspartate; NMO = neuromyelitis optica.