Autoimmune/Paraneoplastic Encephalopathy Evaluation Algorithm-Spinal Fluid

The following tests are always performed:

- Glutamic acid decarboxylase (GAD65) antibody assay
- Antineuronal nuclear antibody-type 1 (ANNA-1)
- Antineuronal nuclear antibody-type 2 (ANNA-2)
- Antineuronal nuclear antibody-type 3 (ANNA-3)
- Purkinje cell cytoplasmic antibody, type 1 (PCA-1)
- Purkinje cell cytoplasmic antibody, type 2 (PCA-2)
- Purkinje cell cytoplasmic antibody, type Tr (PCA-Tr)
- Amphiphysin antibody assay
- Collapsin response-mediator protein-5 neuronal (CRMP-5-IgG)
- Anti-glia/neuronal nuclear antibody-type 1 (AGNA-1)
- Dipeptidyl-peptidase-like protein-6 (DPPX) antibody
- Metabotropic glutamate receptor 1 (mGluR1) antibody
- Glial fibrillary acidic protein (GFAP) alpha subunit antibody
- IgLON family member 5 antibody (IgLONS)
- Neuronal intermediate filament IgG (NIF)
- Inner salt-sensitive Ca2+ channel 3 subunit alpha (CASPR2)-IgG
- Leucine-rich glioma inactivated protein-1 IgG
- Neuronal intermediate filament IgG (NIF) antibody
- Glutamic acid decarboxylase (GAD65) antibody assay
- Antineuronal nuclear antibody-type 1 (ANNA-1)
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- Antineuronal nuclear antibody-type 3 (ANNA-3)
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- IgLON family member 5 antibody (IgLONS)
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- Inner salt-sensitive Ca2+ channel 3 subunit alpha (CASPR2)-IgG
- Leucine-rich glioma inactivated protein-1 IgG

- If IFA pattern suggests ANNA-1, ANNA-2 antibody by immunoblot is performed.
- If IFA pattern suggests CRMP-5 IgG, Western blot is performed.
- If IFA pattern suggests DPPX, antibody by immunoblot is performed.
- If IFA pattern suggests AMPA-receptor antibody, CBA are positive.
- If IFA pattern suggests NMDA-receptor antibody and NMDA-receptor antibody, CBA are positive.
- If IFA pattern suggests GABA-B-receptor antibody and GABA-B-receptor antibody, CBA are positive.
- If IFA pattern suggests mGluR1, antibody by IF titer assay is performed.
- If IFA pattern suggests AMPA-receptor antibody, CBA are positive.