Paraneoplastic Evaluation Algorithm – Spinal Fluid

The following tests are always performed

- Antineuronal nuclear antibody-type 1 (ANNA-1)
- Antineuronal nuclear antibody-type 2 (ANNA-2)
- Antineuronal nuclear antibody-type 3 (ANNA-3)
- Anti-glial/neuronal nuclear antibody-type 1 (AGNA-1)
- 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)

Immunofluorescence Assay (IFA)

- Antineuronal nuclear antibody-type 1 (ANNA-1) antibody by immunoblot
- Antineuronal nuclear antibody-type 2 (ANNA-2) antibody by immunoblot
- Antineuronal nuclear antibody-type 3 (ANNA-3) antibody by immunoblot
- Anti-glial/neuronal nuclear antibody-type 1 (AGNA-1) antibody by immunoblot
- Purkinje cell cytoplasmic antibody-type 1 (PCA-1) antibody by immunoblot
- Purkinje cell cytoplasmic antibody-type 2 (PCA-2) antibody by immunoblot
- Purkinje cell cytoplasmic antibody-type Tr (PCA-Tr) antibody by immunoblot
- Amphiphysin antibody assay
- Collapsin response-mediator protein-5 Neuronal (CRMP-5, IgG) antibody by immunoblot

- CRMP-5-IgG antibody by Western blot
- mGluR1 antibody by immunoblot
- mGluR1 antibody by cell-binding assay (CBA)
- mGluR1 antibody by IF titer assay
- AMPA-R antibody by immunoblot
- AMPA-R antibody by CBA, and/or AMPA-R antibody by IF titer assay
- GABA-receptor antibody by CBA, GABA-receptor antibody by CBA, and/or GABA-receptor antibody by IF titer assay
- GABA-receptor antibody by CBA, and/or GABA-receptor antibody by IF titer assay
- NMDA-R antibody by CBA, and/or NMDA-R antibody by CBA, and/or NMDA-R antibody by IF titer assay
- GAD65 antibody assay
- Neuronal voltage-gated potassium channel-complex autoantibody

- Contactin-associated protein-like-2 (CASPR2)-IgG
- Leucine-rich glioma inactivated protein-1 IgG

If neuronal voltage-gated potassium channel-complex autoantibody is ≥0.01 nmol/L

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