Movement Disorder Autoimmune Evaluation Algorithm—Serum

**Western Blot**
- Collapsin response-mediator protein-5 IgG (CRMP-5-IgG) Western blot
- P/Q-type calcium channel antibody
- N-type calcium channel antibody
- Ganglionic acetylcholine receptor (alpha-3) autoantibody
- Glutamic acid decarboxylase (GAD65) antibody assay

**Radioimmunoprecipitation Assay (RIPA)**
- 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 3 (PCA-3)
- Alpha internexin antibody by CBA
- Neuronal intermediate filament IgG (NIF)

**Immunofluorescence Assay (IFA)**
- Collapsin response-mediator protein-5 neuronal (CRMP-5-IgG) antibody assay
- Anti-glial/neuronal nuclear antibody-type 1 (AGNA-1)
- Dipeptidyl-peptidase-like protein-6 (DPP6) antibody
- Metabotropic glutamate receptor 1 (mGluR1) antibody
- GTPase regulator associated with focal adhesion kinase pp125 (GRAF1)
- IgLON family member 5 antibody (IgLON5)
- Inositol 1,4,5-trisphosphate receptor type 1 (ITPR1)
- Neuronal intermediate filament IgG (NIF)

**Immunofluorescence Assay (Cell Binding: CBA)**
- NMDA-receptor antibody by CBA
- Contactin-associated protein-like-2 (CASPR2) IgG
- Leucine-rich glioma inactivated protein-1 IgG (LRIG1)

**The following tests are always performed**
- Collapsin response-mediator protein-5 neuronal (CRMP-5-IgG) Western blot
- P/Q-type calcium channel antibody
- N-type calcium channel antibody
- Ganglionic acetylcholine receptor (alpha-3) autoantibody
- Glutamic acid decarboxylase (GAD65) antibody assay

**If IFA suggests**
- PCA-1 antibody by immunoblot
- ANNA-2 antibody by immunoblot
- ANNA-1 antibody by immunoblot
- AGNA-1 antibody by immunoblot
- PCA-Tr antibody by immunoblot
- DPPX antibody by CBA
- DPPX antibody by IF titer assay
- Amphiphysin antibody by immunoblot
- mGluR1 antibody by CBA
- mGluR1 antibody by IF titer assay
- AMPA-receptor antibody by immunoblot
- AMPA-receptor antibody IF titer assay and CBA
- NMDA-receptor antibody by CBA
- NMDA-receptor antibody IF titer assay and CBA
- GABA-B-receptor antibody by CBA
- GABA-B-receptor antibody IF titer assay and CBA
- ITPR1 antibody by CBA
- Alpha internexin antibody by CBA
- NIF heavy chain antibody by CBA
- NIF light chain antibody by CBA
- NIF antibody by IF titer assay