MAYO CLINIC LABORATORIES

Paraneoplastic Evaluation Algorithm – Serum

PAVAL / Paraneoplastic, Autoantibody Evaluation, Serum
The following tests are always performed

Immunofluorescence (IFA)

- 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)
- Anti-glial/neuronal nuclear antibody-type 1 (AGNA-1)
- Amphiphysin antibody assay
- Collapsin response-mediator protein-5 neuronal (CRMP-5-IgG)

If IFA pattern suggests ANNA-1 anitbody

- ANNA-1 antibody by immunoblot
- ANNA-2 antibody by immunoblot
- ANNA-1 antibody by immunofluorescence (IF) titer assay

If IFA pattern suggests ANNA-2 anitbody

- ANNA-2 antibody by immunoblot
- ANNA-1 antibody by immunoblot
- ANNA-2 antibody by IF titer assay

If IFA pattern suggests ANNA-3 antibody

- ANNA-3 antibody IF titer assay

If IFA pattern suggests AGNA-1

- AGNA-1 antibody by immunoblot
- AGNA-1 antibody by IF titer assay

If IFA pattern suggests PCA-1 anitbody

- PCA-1 antibody by immunoblot
- PCA-1 antibody by IF titer assay

If IFA pattern suggests PCA-2 anitbody

- PCA-2 antibody by IF titer assay

If IFA pattern suggests amphiphysin antibody

- Amphiphysin antibody by immunoblot
- Amphiphysin antibody by IF titer assay

If IFA pattern suggests PCA-Tr anitbody

- PCA-Tr antibody by immunoblot
- PCA-Tr antibody by IF titer assay

If IFA pattern suggests CRMP-5 IgG

- CRMP-5- IgG Western blot
- CRMP-5 IgG by IF titer assay

Clickable PDF
Click on blue tests to view test catalog information

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