NEUROMUSCULAR CLINICAL LABORATORY
Antibody & Serum Tests: Request Form

Washington University School of Medicine - Neurology
Campus Box 8111, Room IWJ 404
660 South Euclid Avenue; St. Louis, MO 63110
https://neuromuscular.wustl.edu/

Testing Contacts
Phone: 314-362-2406
e-mail: nmlab@wustl.edu
Billing/Financial
Phone: 314-273-2009
e-mail: nllabbilling@wustl.edu
Fax: 314-362-3413

Patient: Name (Last, First, Initials):_____
Age ____ | Sex ____ | Birth Date _____
Status when serum collected: [ ] Independent laboratory; [ ] Inpatient; [ ] Outpatient, [ ] Physician Office
Sample Collection Date_____ | Specimen #_____
Clinical diagnosis: _____

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ANTIBODY TESTS & INTERPRETATIONS REQUESTED

Syndrome Panels

[ ] **Motor Neuropathy:** Neurofilament Light Chain (NfL) (Serum)
IgM vs: GA1, NP-9, GD1b, NS6S, MAG, HH3, GD1a
IgM & IgG vs: GM1, GalNAc-GD1a

[ ] **Sensory (± Motor) Neuropathy**: IgM vs: MAG, GD1b, HH3, Sulfatide, GD1a, TS-HDS; IgG vs: FGFR3, Sulfatide & GM1

[ ] **Peripheral Neuropathy**: Sensory (± Motor) Neuropathy + IgM vs GM1, GA1, GalNAc-GD1a + Neurofilament Light Chain (NfL) (Serum)

[ ] **Sensory Neuropathy/Neuronopathy**
Sensory (± Motor) Neuropathy + IgG vs: Hu & CRMP-5
Neurofilament Light Chain (NfL) (Serum)

[ ] **Small Fiber Neuropathy**
IgM vs TSHDS[a], Sulfatide; IgG vs FGFR3[c], Plexin D1

[ ] **Demyelinating Neuropathy**: IgG vs Contactin-1, Caspr-1, GM1
IgM & IgG vs: β-Tubulin; Neurofascins 140, 155, 186
IgM vs: MAG, GM1, GalNAc-GD1a, Hep-SO_4, HH3, GD1b, GD1a

[ ] **Acute Neuropathy**: IgM vs Heparan-SO4, GD1a, HH3
IgG vs: GQ1b, Sulfatide, Contactin-1, Caspr-1
IgM & IgG vs: GM1; β-Tubulin; GalNAc-GD1a; GD1b; Neurofascins 140, 155, 186
Neurofilament Light Chain (NfL) (Serum)

[ ] **Myopathy 2**: IgM vs Decorin, HH3, GD1a
IgG vs HMGCR, NT5C1A, MGT-30; Sulfatide
Myositis Wb - IgG : Jo1; PL-7 & 12; EJ; OJ; MDA5; Ku; Titin Mi-2α; Mi-2β; Tif1γ; NXP2; SAE; PM-Scl 75 & 100; SRP; Ro-52

[ ] **Myopathy 2, Extended**: Myopathy 2 +
IgG vs U1-RNP (Wb); MuSK (Cell based assay)

[ ] **Paraneoplastic**: IgG vs Hu; Yo; Ri; Tr; CRMP5

[ ] **Paraneoplastic, Extended**: IgG vs Hu; Yo; Ri; Tr; CRMP5; Amphiphysin; Recoverin; GAD65; Zic4; Titin; SOX1

Individual Antibody & Antigen Tests

Motor
[ ] GM1 - IgM [a] **[ ] GA1 - IgM** [b] **[ ] GalNAc-GD1a - IgG** [c]
[ ] GM1 - IgG [c] **[ ] GD1a - IgM** [b] **[ ] GalNAc-GD1a - IgM** [a]
[ ] GD1b - IgM [b] **[ ] NP9 - IgM** [e] **[ ] NS-6S - IgM** [a]

Sensory
[ ] FGFR3 - IgG [c] **[ ] MAG - IgM** [b] (± Wb) **[ ] Sulfatide - IgM & IgG** [b,d]
[ ] TS-HDS - IgM [a] **[ ] Plexin D1 - IgG** (Wb) **[ ] GM2 - IgM** [b] **[ ] GALOP - IgM** [e]

Demyelinating
[ ] MAG - IgM [b] (± Wb) **[ ] Neurofascin 140, 155, & 186** (IgG ± IgG_4 & IgM) (Wb)
[ ] SGPG - IgM [a] **[ ] Contactin-1** (IgG ± IgG_4) (Wb)
[ ] Caspr-1 (IgG) (Wb) **[ ] β-Tubulin - IgM & IgG** [b,d]

Acute
[ ] GD1b - IgG [c] **[ ] GT1a - IgG** [c] **[ ] Heparan-SO_4 - IgM** [a]
[ ] GQ1b - IgG [c] **[ ] GM1 - IgG** [c]

Myopathy
[ ] HMGCR - IgG [c] **[ ] MDA5 - IgG** (Wb) **[ ] NT5C1A - IgG** (Wb)
[ ] Jo-1 - IgG (Wb) **[ ] SRP54 - IgG** (Wb) **[ ] U1-RNP - IgG** (Wb)
[ ] Myositis (Wb) - IgG : Jo1; PL-7 & 12; EJ; OJ; MDA5; U1-RNP Mi-2α; Mi-2β; Tif1γ; NXP2; SAE1; Ku; PM-Scl 75 & 100; SRP; Ro-52

Myasthenia
[ ] MuSK - IgG (Cell based assay) **[ ] Titin (MGT-30) - IgG** (Wb)

Paraneoplastic +
[ ] Hu - IgG (Wb ± IHC) **[ ] Ri - IgG** (Wb ± IHC) **[ ] Tr - IgG** (Wb ± IHC)
[ ] Yo - IgG (Wb ± IHC) **[ ] CRMP5 - IgG** (Wb ± IHC)
[ ] Glutamic acid decarboxylase (GAD65) - IgG (Wb)
[ ] Lysoganglioside-GM1 - IgG [c]

Biomarkers
[ ] Neurofilament Light Chain (NfL) (Serum)
[ ] Neurofilament Heavy Chain, phosphorylated (pNfH) (CSF only)

Additional Antibodies Reported
[a] HH3 & GD1a; [b] HH3; [c] Sulfatide; [d] GM1; [e] GD1a

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NOTES: **Label**: Specimen tube with 2 forms of patient ID. **Methods**: ELISA unless otherwise stated, Wb = Western blot, IHC = Immunohistochemistry.
Send: 3 ml of serum from clotted blood (Red, Gold or Tiger top tube), at ambient temperature, refrigerated or frozen.

All ELISA antibody testing in our laboratory includes the specific antibody requested, and additional antibody testing that is subtracted from other results to obtain levels of specific antibody binding. Additional antibodies include IgM binding to histone H3 and/or GD1a ganglioside and IgG binding to sulfatide and/or GM1 ganglioside. The values of the additional antibody titers are listedon the report. Interpretations are provided for all antibody tests.
Street address: Neuromuscular Laboratory, 509 South Euclid, Room 404, St. Louis, MO 63110

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Requesting Physician: Name _____ | Signature _____
UPIN# _____ | Referring hospital: _____
Name & Address for report and/or charges _____
_____
_____
FAX number for Report (Needed for US samples) _____

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BILLING: [ ] Patient; [ ] Institutional

For Patient Billing: Please send Demographic & Insurance information with Sample and Requisition form (Rev 7/16/2025 AP)