Complete and print.

Reset Form

MAYO CLINIC LABORATORIES

Neurology Specialty Testing
Client Test Request

Client Information (required)

Client Name		
Client Account No.		
Client Phone	Client Order No.	
Street Address		
City	State	ZIP Code

Submitting Healthcare Professional Information (required)

Submitting/Referring Healthcare Professional (Last, First)

Fill in only if Call Back is required.

Phone (with area code)	Fax (with area code)
National Provider Identification (NPI)	

**Fax number given must be from a fax machine that complies with applicable HIPAA regulation.*

"I hereby confirm that informed consent has been signed by an individual legally authorized to do so and is on file with this office or the individual's provider's office."

Signature ▶

Note: It is the client's responsibility to maintain documentation of the order.

Patient Information (required)

Patient ID (Medical Record No.)		
Patient Name (Last, First Middle)		
Sex ☐ Male ☐ Female	Birth Date (mm-dd-yyyy)	
Collection Date (mm-dd-yyyy)	Time ☐ am ☐ pm	
Street Address		
City	State	ZIP Code
Phone		

Reason for Testing (required)

ICD-10 Diagnosis Code

Note: It is a client's responsibility to maintain documentation of the order.

New York State Patients: Informed Consent for Genetic Testing

MCL Internal Use Only

Ship specimens to:
Mayo Clinic Laboratories
3050 Superior Drive NW
Rochester, MN 55905

Customer Service: 800-533-1710

Billing Information
- An itemized invoice will be sent each month.
- Payment terms are net 30 days.

Call the Business Office with billing-related questions:
800-447-6424 (US and Canada)
507-266-5490 (outside the US)

Visit www.MayoClinicLabs.com for the most up-to-date test and shipping information.

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MC0767-02Arev0926

Patient Information (required)

Patient ID (Medical Record No.)	Client Account No.
Patient Name (Last, First Middle)	Client Order No.
Birth Date (mm-dd-yyyy)	

AUTOIMMUNE CNS AND PARANEOPLASTIC DISORDERS

- ☐ ENS2 — Encephalopathy, Autoimmune/ Paraneoplastic Evaluation, Serum (AGNA-1, AK5, AMPA, Amphiphysin, ANNA-1, ANNA-2, ANNA-3, CASPR2, CRMP-5, DPPX, GABA-A, GABA-B, GAD65, IgLON5, KLHL11, LGI1, Ma2, mGluR1, mGluR5, Neurochondrin, NMDA, PCA-1, PCA-2, PCA-Tr, PDE10A, Septin-7, TRIM46)
- ☐ ENC2 — Encephalopathy, Autoimmune/ Paraneoplastic Evaluation, Spinal Fluid (AGNA-1, AK5, AMPA, Amphiphysin, ANNA-1, ANNA-2, ANNA-3, CASPR2, CRMP-5, DPPX, GABA-A, GABA-B, GAD65, GFAP, IgLON5, KLHL11, LGI1, Ma2, mGluR1, mGluR5, Neurochondrin, NIF, NMDA, PCA-1, PCA-2, PCA-Tr, PDE10A, Septin-7, TRIM46)

Pediatric CNS Disorders

- ☐ PCDEC — Pediatric Autoimmune Encephalopathy/ CNS Disorders Evaluation, Spinal Fluid (AMPA, ANNA-1, AQP4, CASPR2, DPPX, GABA-A, GABA-B, GAD65, GFAP, LGI1, mGluR1, mGluR5, Neurochondrin, NMDA, PCA-Tr)
- ☐ PCDES — Pediatric Autoimmune Encephalopathy/ CNS Disorders Evaluation, Serum (AMPA, ANNA-1, AQP4, CASPR2, DPPX, GABA-A, GABA-B, GAD65, LGI1, mGluR1, mGluR5, MOG, Neurochondrin, NMDA, PCA-Tr)

AUTOIMMUNE VISION LOSS

- ☐ PVLE — Paraneoplastic Vision Loss Evaluation, Serum (RCVBS, CRMS)
- ☐ RCVBS — Recoverin-IgG Antibody by Immunoblot, Serum

DEMENTIA

Alzheimer's Disease

- ☐ PT217 — Phospho-Tau 217, Plasma
- ☐ C2AD2 — PrecivityAD2, Plasma
- ☐ AD2AR — PrecivityAD2, Reflex to Apolipoprotein E, Plasma
- ☐ ADEVL — Alzheimer's Disease Evaluation, Spinal Fluid (Abeta42, total-Tau, p-Tau181, p-Tau181/Abeta42 ratio)
- ☐ AMYR — Beta-Amyloid Ratio (1-42/1-40), Spinal Fluid
- ☐ APOEG — Apolipoprotein E Genotyping, Blood

Autoimmune Dementia

- ☐ DMS2 — Dementia, Autoimmune/Paraneoplastic Evaluation, Serum (AGNA-1, AK5, AMPA, Amphiphysin, ANNA-1, ANNA-2, ANNA-3, CASPR2, CRMP-5, DPPX, GABA-B, GAD65, IgLON5, LGI1, mGluR1, mGluR5, Neurochondrin, NMDA, PCA-2, PCA-Tr, PDE10A, TRIM46)
- ☐ DMC2 — Dementia, Autoimmune/Paraneoplastic Evaluation, Spinal Fluid (AGNA-1, AK5, AMPA, Amphiphysin, ANNA-1, ANNA-2, ANNA-3, CASPR2, CRMP-5, DPPX, GABA-B, GAD65, GFAP, IgLON5, LGI1, mGluR1, mGluR5, Neurochondrin, NIF, NMDA, PCA-2, PCA-Tr, PDE10A, TRIM46)

Rapidly Progressive Dementia

- ☐ RPDE — Rapidly Progressive Dementia Evaluation, Spinal Fluid (Abeta42, total-Tau, p-Tau181, p-Tau181/Abeta42 ratio, RT-QuIC Prion, total-Tau/p-Tau181 ratio)

Creutzfeldt-Jakob Disease

- ☐ CJDE — Creutzfeldt-Jakob Disease Evaluation, Spinal Fluid (RT-QuIC Prion, total-Tau, p-Tau181, total-Tau/p-Tau181 ratio)

Frontotemporal Dementia

- ☐ C9ORF — *C9orf72* Hexanucleotide Repeat, Molecular Analysis
- ☐ AFTDP — Inherited Frontotemporal Dementia and Amyotrophic Lateral Sclerosis Gene Panel (51 genes)
- ☐ CGPH — Custom Gene Panel, Hereditary, Next-Generation Sequencing (This test can be utilized to modify any of the above frontotemporal dementia multi-gene panels or to order a single gene from any of the above panels.)

Gene List ID:

CADASIL

- ☐ NTC3Z — *NOTCH3* Gene, Full Gene Analysis

DEMYELINATING DISEASE

- ☐ CDS1 — CNS Demyelinating Disease Evaluation, Serum (AQP4, MOG)
- ☐ NMOFS — Neuromyelitis Optica (NMO)/ Aquaporin-4-IgG Fluorescence-Activated Cell Sorting (FACS) Assay, Serum
- ☐ MOGFS — Myelin Oligodendrocyte Glycoprotein (MOG-IgG1) Fluorescence-Activated Cell Sorting (FACS) Assay, Serum
- ☐ KCSF — Immunoglobulin Kappa Free Light Chain, Spinal Fluid
- ☐ MSP3 — Multiple Sclerosis (MS) Profile, Serum and Spinal Fluid

DEVELOPMENTAL DELAY

- ☐ BWRS — Beckwith-Wiedemann Syndrome/Russell-Silver Syndrome, Molecular Analysis, Varies
- ☐ CDKZ — CDKN1C Gene, Full Gene Analysis, Varies
- ☐ CMACB — Chromosomal Microarray, Congenital, Blood
- ☐ FXS — Fragile X Syndrome, Molecular Analysis
- ☐ PWAS — Prader-Willi/Angelman Syndrome, Molecular Analysis
- ☐ MCP2Z — *MECP2* Gene, Full Gene Analysis

DYSAUTONOMIA

- ☐ DYS2 — Dysautonomia Autoimmune/ Paraneoplastic Evaluation, Serum (AChR Ganglionic, ANNA-1, AP3B2, CASPR2, CRMP-5, DPPX, LGI1, PCA-2)

EPILEPSY

Autoimmune Epilepsy

- ☐ EPS2 — Epilepsy, Autoimmune/Paraneoplastic Evaluation, Serum (AGNA-1, AK5, AMPA, Amphiphysin, ANNA-1, ANNA-2, ANNA-3, CASPR2, CRMP-5, DPPX, GABA-A, GABA-B, GAD65, KLHL11, LGI1, Ma2, mGluR1, mGluR5, Neurochondrin, NMDA, PCA-2, PCA-Tr, PDE10A, TRIM46)
- ☐ EPC2 — Epilepsy, Autoimmune/Paraneoplastic Evaluation, Spinal Fluid (AGNA-1, AK5, AMPA, Amphiphysin, ANNA-1, ANNA-2, ANNA-3, CASPR2, CRMP-5, DPPX, GABA-A, GABA-B, GAD65, GFAP, KLHL11, LGI1, Ma2, mGluR1, mGluR5, Neurochondrin, NMDA, PCA-2, PCA-Tr, PDE10A, TRIM46)

Hereditary Epilepsy

- ☐ EPPAN — Comprehensive Epilepsy Gene Panel (319 genes)
- ☐ HMEP — Hemiplegic Migraine Gene Panel (9 genes)
- ☐ TSCP — Tuberous Sclerosis Gene Panel (2 genes)
- ☐ CSTB — CSTB Repeat Expansion Analysis
- ☐ CGPH — Custom Gene Panel, Hereditary (This test can be utilized to modify any of the above panels or to order a single gene from any of the above panels.)

Gene List ID:

FOLLOW-UP TESTING – NEUROIMMUNOLOGY

- ☐ PNEFS — Neuroimmunology Antibody Follow-up, Serum
  Specify Antibody:
- ☐ PNEFC — Neuroimmunology Antibody Follow-up, Spinal Fluid
  Specify Antibody:

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MENINGITIS

- ☐ CSFME — Meningitis/Encephalitis Pathogen Panel, PCR, Spinal Fluid
- ☐ KPLA — Karius Spectrum, Plasma
- ☐ KDPLA — Karius Spectrum, Direct Ship, Plasma

HEREDITARY HEARING LOSS

- ☐ AHLP — AudioloGene Hearing Loss Panel, Varies

WHOLE EXOME

- ☐ CMPRE — Family Member Comparator Specimen for Exome Sequencing, Varies
- ☐ WESPR — Panel to Whole Exome Sequencing Reflex Test, Varies
- ☐ WESMT — Whole Exome and Mitochondrial Genome Sequencing, Varies
- ☐ WESDX — Whole Exome Sequencing for Hereditary Disorders, Varies
- ☐ WESR — Whole Exome Sequencing Reanalysis, Varies

WHOLE GENOME

- ☐ CMPRG — Family Member Comparator Specimen for Genome Sequencing, Varies
- ☐ WGSDX — Whole Genome Sequencing for Hereditary Disorders, Varies
- ☐ WGSR — Whole Genome Sequencing Reanalysis, Varies

MITOCHONDRIAL DISORDERS

- ☐ GDF15 — Growth Differentiation Factor 15, Plasma
- ☐ DMITO — Mitochondrial DNA Deletion Heteroplasmy, ddPCR, Varies
- ☐ MITOP — Mitochondrial Full Genome Analysis by Next-Generation Sequencing (NGS)
- ☐ NMITO — Mitochondrial Nuclear Gene Panel by Next-Generation Sequencing (NGS)
- ☐ CMITO — Combined Mitochondrial Analysis, Mitochondrial Full Genome and Nuclear Gene Panel

MOVEMENT DISORDERS

Autoimmune Movement Disorders

- ☐ GLYCS — Glycine Receptor Alpha1 IgG, Cell Binding Assay, Serum
- ☐ GLYCC — Glycine Receptor Alpha1 IgG, Cell Binding Assay, Spinal Fluid
- ☐ MDS2 — Movement Disorder, Autoimmune/Paraneoplastic Evaluation, Serum (AGNA-1, AMPA, Amphiphysin, ANNA-1, ANNA-2, ANNA-3, AP3B2, CASPR2, CRMP-5, DPPX, GABA-B, GAD65, GRAF1, IgLON5, ITPR1, KLHL11, LGI1, Ma2, mGluR1, mGluR5, Neurochondrin, NMDA, PCA-1, PCA-2, PCA-Tr, PDE10A, Septin-5, Septin-7, TRIM46, VGCC-P/Q)
- ☐ MDC2 — Movement Disorder, Autoimmune/Paraneoplastic Evaluation, Spinal Fluid (AGNA-1, AMPA, Amphiphysin, ANNA-1, ANNA-2, ANNA-3, AP3B2, CASPR2, CRMP-5, DPPX, GABA-B, GAD65, GFAP, GRAF1, IgLON5, ITPR1, KLHL11, LGI1, Ma2, mGluR1, mGluR5, Neurochondrin, NIF, NMDA, PCA-1, PCA-2, PCA-Tr, PDE10A, Septin-5, Septin-7, TRIM46)
- ☐ SPPS — Stiff-Person Spectrum Disorders Evaluation, including Progressive Encephalomyelitis with Rigidity and Myoclonus, Serum (Amphiphysin, DPPX, GAD65, GlyR)
- ☐ SPPC — Stiff-Person Spectrum Disorders Evaluation, including Progressive Encephalomyelitis with Rigidity and Myoclonus, Spinal Fluid (Amphiphysin, DPPX, GAD65, GlyR)

Hereditary Movement Disorders

- ☐ FFRWB — Friedreich Ataxia, Frataxin, Quantitative, Whole Blood
- ☐ AFXN — Friedreich Ataxia, Repeat Expansion Analysis
- ☐ SCAP — Spinocerebellar Ataxia Repeat Expansion Panel
- ☐ SCARA — Spinocerebellar Ataxia Type 1, 2, 3, 6, or 7, Repeat Expansion Analysis
- ☐ ATAXP — Inherited Ataxia Gene Panel (198 genes)
- ☐ PARDP — Inherited Parkinson Disease Gene Panel (94 genes)
- ☐ ISPP — Inherited Spastic Paraplegia Gene Panel (128 genes)
- ☐ HAD — Huntington Disease, Molecular Analysis
- ☐ DRPL — Dentatorubral-Pallidoluysian Atrophy (DRPLA) Gene Analysis, Varies

- ☐ CGPH — Custom Gene Panel, Hereditary, Next-Generation Sequencing (This test can be utilized to modify any of the above peripheral neuropathy multi-gene panels or to order a single gene from any of the above panels.)

Gene List ID:

MYELOPATHY

- ☐ MAS1 — Myelopathy, Autoimmune/Paraneoplastic Evaluation, Serum (AGNA-1, Amphiphysin, ANNA-1, ANNA-2, ANNA-3, AP3B2, AQP4, CRMP-5, DPPX, GABA-B, GAD65, mGluR1, Neurochondrin, MOG, PCA-1, PCA-2, Septin-7, TRIM46)
- ☐ MAC1 — Myelopathy, Autoimmune/Paraneoplastic Evaluation, Spinal Fluid (AGNA-1, Amphiphysin, ANNA-1, ANNA-2, ANNA-3, AP3B2, AQP4, CRMP-5, DPPX, GABA-B, GAD65, GFAP, mGluR1, Neurochondrin, NIF, PCA-1, PCA-2, Septin-7, TRIM46)

NEURODEGENERATION

- ☐ ASYNC — Alpha-Synuclein Aggregates, Spinal Fluid
- ☐ GFAPP — Glial Fibrillary Acidic Protein (GFAP), Plasma
- ☐ NFLP — Neurofilament Light Chain, Plasma

NEUROMUSCULAR

Neuromuscular Junction Disorders

- ☐ MGMR — Myasthenia Gravis Evaluation with Muscle-Specific Kinase (MuSK) Reflex, Serum
- ☐ MGLE — Myasthenia Gravis/Lambert-Eaton Myasthenic Syndrome Evaluation, Serum

Stand-Alone Antibodies

- ☐ ARBI — Acetylcholine Receptor (Muscle AChR) Binding Antibody, Serum
- ☐ MUSK — Muscle-Specific Kinase (MuSK) Autoantibody, Serum

Autoimmune Neuromuscular

Idiopathic Inflammatory Myopathy

- ☐ MSAES — Myositis Specific Antibody Evaluation, Serum
- ☐ NMS1 — Necrotizing Myopathy Evaluation, Serum (HMGCR, SRP)

Hereditary Neuromuscular

- ☐ MUPAN — Comprehensive Neuromuscular Gene Panel (217 genes)

Motor Neuron Disease

- ☐ MNDP — Inherited Motor Neuron Disease Gene Panel (34 genes)
- ☐ SOD1Z — *SOD1* Gene, Full Gene Analysis
- ☐ C9ORF — *C9orf72* Hexanucleotide Repeat, Molecular Analysis
- ☐ SMNDX — Spinal Muscular Atrophy Diagnostic Assay, Deletion/Duplication Analysis
- ☐ SBULB — Spinobulbar Muscular Atrophy (Kennedy Disease), Molecular Analysis

Patient Information (required)

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Birth Date (mm-dd-yyyy)	

Myopathy

- ☐ RABMP — Inherited Rhabdomyolysis and Metabolic Myopathy Panel (84 genes)

Neuromuscular Junction

- ☐ CMSP — Inherited Congenital Myasthenic Syndrome Gene Panel (28 genes)
- ☐ LGCMP — Inherited Limb-Girdle Muscular Dystrophy and Congenital Myasthenic Syndrome Gene Panel (65 genes)

Muscular Dystrophy

- ☐ MDYSP — Inherited Muscular Dystrophy Gene Panel (75 genes)
- ☐ LGCMP — Inherited Limb-Girdle Muscular Dystrophy and Congenital Myasthenic Syndrome Gene Panel (65 genes)
- ☐ EDMDP — Inherited Emery-Dreifuss Gene Panel (7 genes)
- ☐ DMDZ — *DMD* Gene, Full Gene Analysis
- ☐ DBMD — Duchenne/Becker Muscular Dystrophy, *DMD* Gene, Large Deletion/Duplication Analysis

Hyperexcitable Muscle Disease

- ☐ SMCP — Inherited Skeletal Muscle Channelopathy Gene Panel (5 genes)

- ☐ CGPH — Custom Gene Panel, Hereditary (This test can be utilized to modify any of the neuromuscular multi-gene panels or to order a single gene from any of the above panels.)

Gene List ID:

NEUROPATHY

Autoimmune Neuropathy

Axonal

- ☐ AIAES — Axonal Neuropathy, Autoimmune/Paraneoplastic Evaluation, Serum (AGNA-1, Amphiphysin, ANNA-1, ANNA-3, AP3B2, CASPR2, CRMP-5, IgLON5, LGI1, PCA-2)

Demyelinating

- ☐ DMNES — Peripheral Nervous System Demyelinating Neuropathy, Autoimmune Evaluation, Serum (Contactin-1 IgG CBA, GQ1b, IgG Disialo. GD1b, IgG Monos. GM1, IgM Disialo. GD1b, IgM Monos. GM1, MAG IgM, Neurofascin-155 IgG4)
- ☐ MAGES — Myelin Associated Glycoproteins (MAG) Autoantibodies (IgM), Serum
- ☐ CIDP — Chronic Inflammatory Demyelinating Polyradiculoneuropathy/Nodopathy Evaluation, Serum (Contactin-1 IgG CBA, Neurofascin-155 IgG4)

Gangliosides

- ☐ GAES — Ganglioside Antibodies Evaluation, Serum (GQ1b, IgG Disialo. GD1b, IgG Monos. GM1, IgM Disialo. GD1b, IgM Monos. GM1)
- ☐ GQ1ES — Ganglioside GQ1b Antibody, IgG, ELISA, Serum

Hereditary Peripheral Neuropathy

- ☐ PMPDD — *PMP22* Gene, Large Deletion/Duplication Analysis
- ☐ PEPAN — Comprehensive Peripheral Neuropathy Gene Panel (187 genes)
- ☐ IMSNP — Inherited Motor and Sensory Neuropathy Gene Panel (87 genes)
- ☐ IMNP — Inherited Motor Neuropathy Gene Panel (24 genes)
- ☐ ISNP — Inherited Sensory Neuropathy Gene Panel (23 genes)
- ☐ SORD — Sorbitol and Xylitol, Quantitative, Random, Urine
- ☐ SORDB — Sorbitol and Xylitol, Quantitative, Whole Blood
- ☐ SXDBS — Sorbitol and Xylitol, Quantitative, Blood Spot
- ☐ TTRZ — TTR Gene, Full Gene Analysis (1 gene)

Distal Myopathy + Peripheral Neuropathy

- ☐ DWPAN — Comprehensive Distal Weakness Gene Panel (212 genes)

Brachial Plexus

- ☐ SEP9Z — SEPTIN9 Gene, Full Gene Analysis (1 gene)

- ☐ CGPH — Custom Gene Panel, Hereditary, Next-Generation Sequencing (This test can be utilized to modify any of the above peripheral neuropathy multi-gene panels or to order a single gene from any of the above panels.)

Gene List ID:

SLEEP DISORDERS

- ☐ ORXNA — Orexin-A/Hypocretin-1, Spinal Fluid

THERAPEUTIC TESTING / DRUG MONITORING

Antiepileptic Drugs

- ☐ BRIVA — Brivaracetam, Plasma
- ☐ CARTA — Carbamazepine, Total, Serum
- ☐ CDP — Chlordiazepoxide and Metabolite, Serum
- ☐ CLOBZ — Clobazam and Metabolite, Serum
- ☐ CZPS — Clonazepam and 7-Aminoclonazepam, Serum
- ☐ ETX — Ethosuximide, Serum
- ☐ FELBA — Felbamate (Felbatol), Serum
- ☐ GABA — Gabapentin, Serum
- ☐ LACO — Lacosamide, Serum
- ☐ LAMO — Lamotrigine, Serum
- ☐ LEFLU — Leflunomide Metabolite (Teriflunomide), Serum
- ☐ LEVE — Levetiracetam, Serum
- ☐ OMHC — Oxcarbazepine Metabolite, Serum
- ☐ PERAM — Perampanel, Serum
- ☐ PBR — Phenobarbital, Serum
- ☐ PNYA — Phenytoin, Total, Serum
- ☐ PGN — Pregabalin, Serum
- ☐ PRMB — Primidone and Phenobarbital, Serum
- ☐ RUFI — Rufinamide, Serum
- ☐ SECOS — Secobarbital, Serum
- ☐ TOPI — Topiramate, Serum
- ☐ TMP — Trimethoprim, Serum
- ☐ VALPA — Valproic Acid, Total, Serum
- ☐ ZONI — Zonisamide, Serum

Pharmacogenomics

- ☐ PGXQP — Focused Pharmacogenomics Panel (*CYP1A2, CYP2C9, CYP2C19, CYP2D6, CYP3A4, CYP3A5, SLCO1B1, VKORC1, CYP4F2,* and rs12777823)
- ☐ CARBR — Carbamazepine Hypersensitivity Pharmacogenomics, Varies
- ☐ COMTQ — Catechol-O-Methyltransferase (COMT) Genotype
- ☐ 1A2Q — Cytochrome P450 1A2 Genotype
- ☐ 2C19R — Cytochrome P450 2C19 Genotype
- ☐ 2C9QT — Cytochrome P450 2C9 Genotype
- ☐ 2D6Q — Cytochrome P450 2D6 Comprehensive Cascade
- ☐ 3A4Q — Cytochrome P450 3A4 Genotype
- ☐ 3A5Q — Cytochrome P450 3A5 Genotype
- ☐ NAT2Q — N-Acetyltransferase 2 (NAT2) Genotype
- ☐ TPNUQ — Thiopurine Methyltransferase (*TPMT*) and Nudix Hydrolase (*NUDT15*) Genotyping
- ☐ WARSQ — Warfarin Response Genotype

ADDITIONAL TESTS (INDICATE TEST ID AND NAME)