MNG LABORATORIES
A LabCorp Company

Patient and Specimen Information Form

5424 Glenridge Drive NE | Atlanta, GA 30342 USA | phone: 844.664.8378 | fax: 678.225.0212 | mnglabs.com

Patient and Specimen Information

Patient Last Name	Patient First Name
Patient ID #	Date of Birth [MM/DD/YYYY]
Diagnosis/ICD-10	Collection Date [MM/DD/YYYY]

Gender ☐ Male ☐ Female

Specimen Type
☐ Whole Blood ☐ Buccal Swab ☐ CSF ☐ Urine ☐ Fibroblasts ☐ Plasma/ Serum ☐ Muscle ☐ DNA Tissue:_____

Please complete and include clinical information form, or attach clinical notes

Referring Physician Information

Physician Name	NPI # or equivalent *(Required)*
Facility / Organization	Signature
Facility Address City, State, Zip Code ☐ Same as billing	
Report Delivery ☐ Fax ☐ Email	Phone

Billing Information *(REQUIRED)*

Self-Pay? ☐ Yes If yes, **MUST** include payer contact name & details below. Payment must be received in full prior to testing.

Facility	Contact Name
Billing Address	
City, State, Zip Code	
Phone Fax	Email

Results

Authorized Recipient Name	Authorized Recipient Name
Facility Phone	Facility Phone
☐ Fax	☐ Fax
☐ Email	☐ Email

Testing Checklist

All of the following are encouraged to be included with test orders (please check the following):

- ☐ All specimens that will be analyzed must be received - please note if samples will ship separately
- ☐ Clinical Information Form completed
- ☐ Informed Consent for Genetic Testing completed and signed

MNG LABORATORIES
A LabCorp Company

Genetics Test Request Form

5424 Glenridge Drive NE | Atlanta, GA 30342 USA | phone: 678.225.0222 | fax: 678.225.0212 | mnglabs.labcorp.com

Patient Name _____ DOB _____

Epilepsy

- ☐ (NGS412) Myoclonic Epilepsy

Movement Disorders

- ☐ (NGS324) Ataxia/Episodic Ataxia Disorders + mtDNA
- ☐ (NGS360) Basal Ganglia Calcification Dystonia
- ☐ (NGS358) Comprehensive Dystonia + mtDNA
- ☐ (NGS357) Parkinsons Disease/Parkinsonism

Neuromuscular

Muscular Dystrophy / Myopathy

- ☐ (NGS330) Comprehensive Muscular Dystrophy/Myopathy + mtDNA
- ☐ (NGS331) Congenital Myasthenic Syndromes
- ☐ (NGS413) Congenital Myopathies
- ☐ (NGS424) Duchenne/Becker Muscular Dystrophy

Neuropathies

- ☐ (NGS445) Comprehensive Neuropathies
- ☐ (NGS400) Pain Syndromes
- ☐ (NGS323) Amyotrophic Lateral Sclerosis
- ☐ (NGS405) Amyotrophic Lateral Sclerosis + C9orf72 Repeat Expansion
- ☐ (NGS337) Spastic Paraplegia + mtDNA

Neurobehavioral

Intellectual Disability / Autism

- ☐ (NGS325) Comprehensive Intellectual Disability/Autism + mtDNA
- ☐ (NGS349) Nonsyndromic Intellectual Disability
- ☐ (NGS350) Syndromic Intellectual Disability
- ☐ (NGS398) Macrocephaly & Overgrowth Syndrome
- ☐ (NGS425) Microcephaly

Neurodegeneration

- ☐ (NGS376) Comprehensive Dementia
- ☐ (NGS356) Alzheimer Disease/Frontotemporal Dementia
- ☐ (NGS380) Amyloid Related Disorders

Brain Malformation Disorders

- ☐ (NGS372) Comprehensive Leukodystrophy/ Leukoencephalopathy + mtDNA
- ☐ (NGS387) Comprehensive Neuronal Migration Disorders + mtDNA

Neurometabolic

- ☐ (NGS301) Comprehensive Cellular Energetics Defects + mtDNA
- ☐ (NGS302) Carbohydrate Metabolism Deficiency + mtDNA

Other Inherited Disorders

Vision and Ophthalmoplegia

- ☐ (NG464) Comprehensive Vision Loss & Eye Disorders + mtDNA
- ☐ (NGS352) Comprehensive Ophthalmoplegia Syndromes + mtDNA

Multi-Sensory Disorders

- ☐ (NGS402) Usher Syndrome
- ☐ (NGS460) Alport Syndrome

Other

- ☐ (NGS429) Familial Hemiplegic Migraine + mtDNA
- ☐ (NGS430) Stroke + mtDNA
- ☐ (NGS379) Polycystic Kidney Disease
- ☐ (NGS392) Bartter/Gitelman Syndromes

Mitochondrial DNA Genetic Testing

- ☐ (MOL021) Mitochondrial Genome Sequencing
- ☐ (MOL002) Mitochondrial DNA Deletion Analysis
- ☐ (MOL189) Mitochondrial Genome Sequencing + Deletion Analysis
- ☐ (MOL001) Mitochondrial DNA Depletion Testing (Muscle)
- ☐ (MOL334) Mitochondrial Depletion Testing (Leukocyte)

Repeat Expansions

- ☐ (MOL299) Myotonic Dystrophy 1 (DMPK) Genetic Testing (Repeat Expansion)
- ☐ (MOL303) Myotonic Dystrophy 2 (ZNF9/CNBP) Genetic Testing (Repeat Expansion)
- ☐ (MOL364) C9orf72 Genetic Testing (Repeat Expansion)
- ☐ (MOL366) Huntington Disease (HTT) Genetic Testing (Repeat Expansion)
- ☐ (MOL392) Huntington-like Disease Type 2 (JPH3) Genetic Testing (Repeat Expansion)
- ☐ (MOL259) Friedreich Ataxia Genetic Testing (Repeat Expansion)
- ☐ (MOL380) Comprehensive Spinocerebellar Ataxia Repeat Expansion Panel (SCA 1, 2, 3, 6, 7, 8, 10, 12, 17, 36 & DRPLA)
- ☐ (MOL391) Comprehensive Ataxia Repeat Expansion Panel (SCA 1, 2, 3, 6, 7, 8, 10, 12, 17, 36, DRPLA & FRDA)
- ☐ SCA1/ATXN1 (MOL368)
- ☐ SCA2/ATXN2 (MOL369)
- ☐ SCA3/ATXN3 (MOL370)
- ☐ SCA6/CACNA1A (MOL371)
- ☐ SCA7/ATXN7 (MOL372)
- ☐ SCA8/ATXN8 (MOL373)
- ☐ SCA10/ATXN10 (MOL374)
- ☐ SCA12/PPP2R2B (MOL375)
- ☐ SCA17/TBP (MOL376)
- ☐ SCA36/NOP56 (MOL377)
- ☐ DRPLA/ATN1 (MOL378)

Single Genes + MLPA

- ☐ (MOL028) ACADS
- ☐ (MOL029) ACADVL
- ☐ (MOL352) GATM
- ☐ (MOL388) CYP21A2 MLPA [Del/Dup]
- ☐ (MOL350) PKD1/PKD2 MLPA [Del/Dup Only]
- ☐ (MOL276) PMP22 MLPA [Del/Dup Only]

MNG LABORATORIES
A LabCorp Company

Clinical Information Form

5424 Glenridge Drive NE | Atlanta, GA 30342 USA | phone: 844.664.8378 | fax: 678.225.0212 | mnglabs.com

Patient Name _____ DOB _____

Clinical (Check All That Apply)

Eye
- ☐ Retinitis Pigmentosa
- ☐ Optic Atrophy
- ☐ Other

Hearing
- ☐ Sensorineural ☐ Stickler ☐ Usher

Neuronal Migration
- ☐ Meckel ☐ Joubert ☐ Other

☐ Stroke

Cognitive/Neurobehavioral
☐ Intellectual Disability (ID) ☐ Syndromic ID ☐ Nonsyndromic ID ☐ Autism ☐ Dementia

Movement Disorders
☐ Ataxia ☐ Episodic Ataxia ☐ Dystonia ☐ Chorea/Athetosis ☐ Parkinson Disease ☐ L-Dopa Response

Epilepsy ☐ Myoclonic ☐ Other
- ☐ Absence ☐ Tonic Clonic
- ☐ Epileptic Encephalopathy

Spasticity
- ☐ Spastic Paraplegia ☐ Other
- ☐ Spastic Quadriplegia

Connective Tissue & Bone
- ☐ Ehlers Danlos ☐ Marfan ☐ Aneurysms
- ☐ Other

Neuromuscular
- ☐ Distal ☐ Proximal ☐ Muscle Atrophy ☐ Contractures
- ☐ Malignant Hyperthermia ☐ Arthrogryposis ☐ Rhabdomyolysis
- ☐ Periodic Paralysis ☐ Statin Use ☐ Myasthenia

Nerve/Anterior Horn Cell
- ☐ Neurofibromas ☐ Charcot-Marie-Tooth ☐ Sensory
- ☐ Autonomic ☐ Pain ☐ Motor ☐ Nerve Conduction
- ☐ Other

Cardiomyopathy
- ☐ Dilated ☐ Hypertrophic
- ☐ Noncompaction

Arrhythmias
- ☐ Ventricular Tachycardia ☐ Brugada
- ☐ Long or Short QT ☐ Conduction Defect

Congenital Heart Defects
- ☐ Heterotaxy
- ☐ Other

Endocrine
- ☐ Hypothyroidism ☐ Other
- ☐ Diabetes Mellitus

Imaging (Check All That Apply)

Brain MRI
- ☐ Leigh Disease
- ☐ Basal Ganglia Calcification
- ☐ Stroke
- ☐ Cerebellar Atrophy
- ☐ Abnormal Myelin (describe)

EEG (Describe Findings)

EMG/NVC (Describe Findings)

Laboratory

Metabolic (Describe Findings)

CPK Maximum _____
Minimum _____

Genetic (Describe Findings)
- ☐ Chromosomal Microarray
- ☐ Deletion/Insertion Testing
- ☐ Other (comment)

Family History

Ethnicity (please check)

☐ Caucasian ☐ Sephardic Jewish ☐ African American (or Black) ☐ Asian
☐ Hispanic ☐ Ashkenazi Jewish ☐ Native American (or American Indian) ☐ Other: _____

Affected Maternal Lineage	Affected Paternal Lineage	Siblings
Relationship to Proband	Relationship to Proband	Number (specify gender)
Symptoms	Symptoms	Healthy/Affected

Additional Comments

MNG LABORATORIES
A LabCorp Company

Informed Consent for Genetic Testing

In compliance with New York State Civil Law: Section 79-L

5424 Glenridge Drive NE | Atlanta, GA 30342 USA | phone: 678.225.0222 | fax: 678.225.0212 | mnglabs.com

Patient Name _____ DOB _____

Please provide a copy of completed consent with sample and requisition. Failure to do so may delay testing.

When signed and dated, this written consent is written authorization to participate in genetic testing.

1. **Purpose of the Test:** My physician has explained the recommended testing: _____ (name of test or MNG test code), which is performed to help diagnose _____ _____(insert disease description). I am aware that all documentation regarding this testing, including the description of the purpose, methodology, and disorders is freely available at www.mnglabs.com/tests and has either been reviewed with me by my physician or I have read the documentation on my own. **Patient (or parent/guardian) initials:** _____

2. **Statement Regarding Test Result:** A positive test result is an indication that the individual has a genetic cause for the specific disease tested for. A negative result may/may not rule out a genetic disorder depending on clinical history and quality/type of specimen tested. The individual may wish to consider further independent testing, consult a personal physician or pursue genetic counseling.

3. **Level of Certainty:** Is test-specific and determined by the methods employed, patient's clinical history and sometimes by the nature of the patient's condition at time of sampling. There is always a small possibility of error or failure in sample analysis; this is true with complex testing in any laboratory. Inclusion of clinical data, such as medical history, family history, images as they relate to the disease or disorder, will decrease the level of uncertainty in an interpretation and are encouraged to be included when submitting samples for analysis. MNG Laboratories will keep personal information private in accordance with HIPAA laws.
   I consent to the retention of these documents by MNG Laboratories in their database.
   Patient (or parent/guardian) Initials: _____

4. **Disclosing Test Results:** The following categories of persons or organizations that test results may be released to include, but are not limited to: hospitals or laboratories involved in the patient's care, referring physician(s) and primary care providers, other physician groups (consultants, surgeons), insurance companies (as provided by the patient or referring physician for payment purposes), and other professionals involved in patient care that assist MNG Laboratories in carrying out treatment, payment, and operational activities. Results are kept confidential. Medical Neurogenetics complies with security and privacy statutes of the federal Health Information Portability and Accountability Act (HIPAA). If a patient chooses to specifically declare where results may be released (other than the referring institution and ordering physician), please provide these *in writing* to the Compliance Officer, MNG Laboratories (quickresponse@mnglabs.com).

5. **Consent to Retain Specimen:** The laboratory does not return any remaining sample to individuals or physicians unless requested. No clinical tests other than those authorized shall be performed on the sample. A request for additional testing must be made by my referring physician or other authorized healthcare professional and there will be an additional charge. If agreed by the patient, MNG Laboratories will retain the samples for longer periods for use in an anonymous fashion for research/development or for quality assurance processes.
   I consent to have my specimens retained after completion of initial testing (this consent may be withdrawn at any time and the laboratory will destroy any remaining sample). Patient (or parent/guardian) Initials: _____

6. **Testing for Genetic Conditions can be Complex:** If warranted, obtain professional genetic counseling prior to giving consent to fully understand what the risks and benefits are to having the testing completed. I hereby consent to participate in testing described above. I understand that a biologic specimen will be obtained from me and/or members of my family. I understand that this biologic specimen will be used for the purpose of attempting to determine if I, or members of my family, are affected or are carriers of a particular disease or are at increased risk to someday be affected with this genetic disease.

_____ _____
Signature of Patient Date

_____ _____
Authorized Signature (Parent/Guardian) Relationship

_____ _____
Name of Patient (*please print clearly*) Name of Ordering MD (*please print clearly*)

_____ _____
Referring Facility (*please print clearly*) **Signature of Ordering MD**

Important: One signature from patient (or parent/guardian), authorized person, or physician is required to complete this form. New York requires signatures from patient (or parent/guardian) OR ordering physician to complete this form.