

## **Biochemical Genetics Test Request**

# Client Information (required)

Client Name			Patient ID (Medical Record No.)		
Client Account No.			Patient Name (Last, F	ïrst, Middle)	
Client Phone	Client Or	der No.	Sex 🗆 Male 🗆	Female	
Street Address	I		Collection Date (mm-	-dd-yyyy)	
City	State	ZIP Code	Reason for Tes	<b>ting</b> (requ	
Submitting Provider Inf	ormation (req	uired)			
Submitting/Referring Provider N	lame <i>(Last, First)</i>				
Phone (with area code)	Fax* (with ar	ea code)			
National Provider Identification	(NPI)				
*Fax number given must be from a fax n HIPAA regulation.	nachine that complies	with applicable			
Genetic Counselor Info	<b>mation</b> (requir	ed)	Has molecular/DNA	testing alre	
Genetic Counselor Name (Last, F	iirst)			•	
Phone (with area code)	Fax* (with ar	ea code)	Gene	Varia	
Fax number given must be from a fax n	nachine that complies	with applicable	Gene	Variai	
HIPAA regulation.			For molecular testing op	tions, see ww	
Note: It is the client's responsibility to n New York State Patients: Informed Co			MCL Internal Use Only		
"I hereby confirm that informed	consent has been	signed by an		<u>.</u>	

Signature

Note: Test requests without a signature will not be performed.

or the individual's provider's office."

individual legally authorized to do so and is on file with this office

## Patient Information (required)

Patient Name (Last, First, Middle)	
Sex	Birth Date (mm-dd-yyyy)
🗆 Male 🛛 Female	
Collection Date (mm-dd-yyyy)	Time 🗆 am
	🗆 🗆 pm

## iired)

Has molecular/DNA	testing already been performed?
🗆 Yes 🗆 N	o If Yes, results:
Gene	Variant
Cana	Variant
Gene	Variant
For molecular testing or	ntions, see www.MavoClinicI.abs.com

## Ship specimens to: Mayo Clinic Laboratories

3050 Superior Drive NW Rochester, MN 55905

#### Customer Service: 800-533-1710

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

**Billing Information** 

• An itemized invoice will be sent each month.

Call the Business Office with billing-related questions:

• Payment terms are net 30 days.

800-447-6424 (US and Canada) 507-266-5490 (outside the US)

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#### **AMINO ACID METABOLISM** □ AAQP Amino Acids, Quantitative, Plasma AAPD Amino Acids, Quantitative, Random, Urine □ AACSF Amino Acids, Quantitative, Spinal Fluid TRYPP Tryptophan, Plasma □ TRYPU Tryptophan, Random, Urine Cystinuria CYSQN Cystinuria Profile, Quantitative, 24 Hour, Urine □ CYSR Cystinuria Profile, Quantitative, Random, Urine **Maple Syrup Urine Disease** 🗆 Alloi Allo-isoleucine, Blood Spot AAMSD Amino Acids, Maple Syrup Urine Disease Panel, Plasma Branched-Chain Amino Acids, Self-Collect, Blood Spot Homocystinuria Cobalamin, Methionine, and Methylmalonic Acid Pathways, Plasma Cobalamin, Methionine, and Methylmalonic Acid Pathways, Serum Homocysteine, Total, Plasma □ HCYSP Homocysteine, Total, Serum □ HCYSS Phenylketonuria 🗆 PKU Phenylalanine and Tyrosine, Plasma PKUBS Phenylalanine and Tyrosine, Blood Spot □ PKUSC Phenylalanine and Tyrosine, Self-Collect, Blood Spot **Tyrosinemia** □ TYRBS Tyrosinemia Follow up Panel, Blood Spot Tyrosinemia Follow up panel, Self-Collect, □ TYRSC Blood Spot Succinylacetone, Blood Spot □ SUAC **CARBOHYDRATE METABOLISM Congenital Disorders of Glycosylation** Carbohydrate Deficient Transferrin for Congenital Disorders of Glycosylation, Serum □ CDGN Congenital Disorders of N-Glycosylation,

 Serum
 OLIGU Oligosaccharide Screen, Random, Urine
 PMMIL Phosphomannomutase and Phosphomannose Isomerase, Leukocytes
 SORBU Sorbitol and Mannitol, Quantitative, Random, Urine

Ga	lactosem	ia
	GATOL	Galactitol, Quantitative, Urine
	GALK	Galactokinase, Blood
	GAL1P	Galactose-1-Phosphate, Erythrocytes
	GALT	Galactose-1-Phosphate Uridyltransferase, Blood
	GALTP	Galactose-1-Phosphate Uridyltransferase Biochemical Phenotyping, Erythrocytes
	GALP	Galactose, Quantitative, Plasma
	GCT	Galactosemia Reflex, Blood
	GALE	Uridine Diphosphate-Galactose 4' Epimerase, Blood
	ansaldola ficiencie:	se and Ribose-5-phosphate (RPI) s
	TALDO	Polyols, Quantitative, Urine
CH	IOLESTE	ROL BIOSYNTHESIS AND TRANSPORT
	CTXWB	Cerebrotendinous Xanthomatosis, Blood
	CTXBS	Cerebrotendinous Xanthomatosis, Blood Spot
	CTXP	Cerebrotendinous Xanthomatosis, Plasma
	HSMBS	Hepatosplenomegaly Panel, Blood Spot
	HSMWB	Hepatosplenomegaly Panel, Blood
	HSMP	Hepatosplenomegaly Panel, Plasma
	OXYWB	Oxysterols, Blood
	OXYBS	Oxysterols, Blood Spots
	OXNP	Oxysterols, Plasma
	SL0	Smith-Lemli-Opitz Screen, Plasma
	STER	Sterols, Plasma
CO	ONGENITA	AL ADRENAL HYPERPLASIA
	CAH2T	Congenital Adrenal Hyperplasia Newborn Screen, Blood Spot
	CAH21	Congenital Adrenal Hyperplasia Profile for 21-Hydroxylase Deficiency, Serum
CR	EATINE I	DISORDERS
	CRDPP	Creatine Disorders Panel, Plasma
	CRDPU	Creatine Disorders Panel, Random, Urine
FA	MILIAL A	MYLOIDOSIS

TTRX Amyloidosis, Transthyretin-Associated Familial, Reflex, Blood

FATTY AC	ID METABOLISM (BETA-OXIDATION)
□ ACRN	Acylcarnitines, Quantitative, Plasma
□ ACRNS	Acylcarnitines, Quantitative, Serum
AGU20	Acylglycines, Quantitative, Random, Urine
🗆 C4U	C4 Acylcarnitine, Quantitative, Random, Urine
🗆 CARN	Carnitine, Plasma
□ CARNS	Carnitine, Serum
🗆 CARNU	Carnitine, Random, Urine
G FAO	Fatty Acid Oxidation Probe Assay, Fibroblast Culture
□ FAPCP	Fatty Acid Profile, Comprehensive (C8-C26), Serum
🗆 Fapm	Fatty Acid Profile, Mitochondrial (C8-C18), Serum
DAU	Organic Acids Screen, Random, Urine
ORGANIC	ACID METABOLISM
C50HU	C5-OH Acylcarnitine, Quantitative, Random, Urine
🗆 OAU	Organic Acids Screen, Random, Urine
🗆 OAUS	Organic Acid Screen, Urine Spot
2-Hydroxy	glutaric Aciduria
🗆 2HGA	2-Hydroxyglutaric Acid Chiral Analysis, Quantitative, Random, Urine
Biotinidas	e Deficiency
□ BIOTS	Biotinidase, Serum
<b>Glutaric A</b>	cidemia
C5DCU	C5-DC Acylcarnitine, Quantitative, Random, Urine
□ HGEM	Hydroxyglutaric Acids, Glutaric Acid, Ethylmalonic Acid, and Methylsuccinic Acid, Blood Spot
□ HGEMP	Hydroxyglutaric Acids, Glutaric Acid, Ethylmalonic Acid, and Methylsuccinic Acid, Plasma
□ HGEMS	Hydroxyglutaric Acids, Glutaric Acid, Ethylmalonic Acid, and Methylsuccinic Acid, Serum
□ TRYPP	Tryptophan, Plasma
□ TRYPU	Tryptophan, Random, Urine
	lonic Acidemia/Cobalamin/
Propionic	
	Cobalamin, Methionine, and Methylmalonic Acid Pathways, Plasma
	Cobalamin, Methionine, and Methylmalonic Acid Pathways, Serum
🗆 mmap	Methylmalonic Acid, Quantitative, Plasma
□ MMAS	Methylmalonic Acid, Quantitative, Serum
🗆 mmau	Methylmalonic Acid, Quantitative, Urine

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# FREDREICH ATAXIA FFRBS Friedreich Ataxia, Frataxin, Quantitative, Blood Spot FFRWB Friedreich Ataxia, Frataxin, Quantitative, Blood

#### HYPEROXALURIA

HYOX Hyperoxaluria Panel, Random, Urine

#### LYSOSOMAL METABOLISM AND STORAGE DISORDERS

М	ulti-Disor	der Panels	
	ARSBB	Arylsulfatase B, Blood Spot	
	ARSBW	Arylsulfatase B, Leukocytes	
	GUSBB	Beta-Glucuronidase, Blood Spot	
	GUSBW	Beta-Glucuronidase, Leukocytes	
	CTSU	Ceramide Trihexosides and Sulfatides, Random, Urine	
	I2SB	Iduronate-2-Sulfatase, Blood Spot	
	I2SWB	Iduronate-2-Sulfatase, Leukocytes	
	HSMWB	Hepatosplenomegaly Panel, Blood	
	HSMP	Hepatosplenomegaly Panel, Plasma	
	PLSD	Lysosomal and Peroxisomal Storage Disorders Screen, Blood Spot	
	LSDS	Lysosomal Storage Disorders Screen, Random, Urine	
	LSD6W	Lysosomal Storage Disorders, Six-Enzyme Panel, Leukocytes	
	MPSBS	Mucopolysaccharidosis, Blood Spot	
	MPSQU	Mucopolysaccharides Quantitative, Random, Urine	
	MPS3B	Mucopolysaccharidosis III, Three-Enzyme Panel, Blood Spot	
	MPS3W	Mucopolysaccharidosis III, Four-Enzyme Panel, Leukocytes	
	MPS4B	Mucopolysaccharidosis IV Enzyme Panel, Blood Spot	
	MPS4W	Mucopolysaccharidosis IV Enzyme Panel, Leukocytes	
	MP8BS	Mucopolysaccharidoses, Eight-Enzyme Panel, Blood Spot	
	MP9W	Mucopolysaccharidoses, Nine-Enzyme Panel, Leukocytes	
	MSDBS	Multiple Sulfatase Deficiency, Blood Spot	
	MSDW	Multiple Sulfatase Deficiency, Leukocytes	
	OLIGU	Oligosaccharide Screen, Random, Urine	
	OXNP	Oxysterols, Plasma	

Fabry Dise	ase		
🗆 AGABS	Alpha-Galactosidase, Blood Spot		
🗆 AGAW	Alpha-Galactosidase, Leukocytes		
🗆 AGAS	Alpha-Galactosidase, Serum		
🗆 CTSU	Ceramide Trihexosides and Sulfatides, Random, Urine		
🗆 LGB3S	Globotriaosylsphingosine, Serum		
Fucosidosi	S		
	Alpha-Fucosidase, Leukocytes		
Gaucher Di	sease		
🗆 GBAW	Beta-Glucosidase, Leukocytes		
🗆 GPSYW	Glucopsychosine, Blood		
🗆 GPSY	Glucopsychosine, Blood Spot		
□ GPSYP	Glucopsychosine, Plasma		
GM1 Gangl	iosidosis		
🗆 BGA	Beta-Galactosidase, Leukocytes		
□ MPS4B	Mucopolysaccharidosis IV Enzyme Panel, Blood Spot		
□ MPS4W	Mucopolysaccharidosis IV Enzyme Panel, Leukocytes		
Krabbe Dis	ease		
□ GALCW	Galactocerebrosidase, Leukocytes		
🗆 PSY	Psychosine, Blood Spot		
D PSYCF	Psychosine, Spinal Fluid		
□ PSYR	Psychosine, Whole Blood		
Lysosomal	Acid Lipase Deficiency		
🗆 LALB	Lysosomal Acid Lipase, Blood		
□ LALBS	Lysosomal Acid Lipase, Blood Spot		
Mannosidosis			
MANN	Alpha-Mannosidase, Leukocytes		
Metachrom	natic Leukodystrophy		
🗆 ARSU	Arylsulfatase A, 24 Hour, Urine		
□ ARSAW	Arylsulfatase A, Leukocytes		
□ ARSBW	Arylsulfatase B, Leukocytes		
□ ARSBB	Arylsulfatase B, Blood Spot		
CTSU	Ceramide Trihexosides and Sulfatides, Random, Urine		
Mucopolys	accharidoses		
□ MPSQU	Mucopolysaccharides Quantitative, Random, Urine		
□ MPSER	Mucopolysaccharides Quantitative, Serum		
□ MPSWB	Mucopolysaccharidosis, Blood		
□ MPSBS	Mucopolysaccharidosis, Blood Spot		
MPS Type I	(Hurler/Scheie)		
🗆 iduaw	Alpha-L-Iduronidase, Leukocytes		
□ MPSER	Mucopolysaccharides Quantitative, Serum		
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MPS Type II (Hunter)         I2SB       Iduronate-2-Sulfatase, Blood Spot         I2SWB       Iduronate-2-Sulfatase, Leukocytes         MPS Type III       MPS3B         MPS3B       Mucopolysaccharidosis III, Four-Enzyme Panel, Blood Spot         MPS3W       Mucopolysaccharidosis III, Four-Enzyme Panel, Leukocytes         MPS Type IV       MPS4B         MPS4B       Mucopolysaccharidosis IV Enzyme Panel, Blood Spot         MPS4W       Mucopolysaccharidosis IV Enzyme Panel, Leukocytes         MPS4W       Mucopolysaccharidosis IV Enzyme Panel, Blood Spot         MPS4W       Arylsulfatase B, Blood Spot         MPS5W       Multiple Sulfatase Deficiency, Blood Spot         MUttiple Sulfatase Deficiency       Blood Spot         MSDW       Multiple Sulfatase Deficiency, Leukocytes         MPS1VP       Warrous B       BGA         BGA       Beta-Galactosidase, Leukocytes         MSDW       Acid Sphingomyelinase, Leukocytes         MSDW       Acid Sphingomyelinase, Leukocytes <th></th> <th></th>					
□ 12SWB       Iduronate-2-Sulfatase, Leukocytes         MPS Type III       MPS3B         □ MPS3B       Mucopolysaccharidosis III, Four-Enzyme Panel, Leukocytes         MPS Type IV       MPS4B         □ MPS4W       Mucopolysaccharidosis IV Enzyme Panel, Blood Spot         □ MPS4W       Mucopolysaccharidosis IV Enzyme Panel, Leukocytes         MPS VI       □ ARSBB         □ ARSBB       Arylsulfatase B, Blood Spot         □ ARSBW       Arylsulfatase B, Leukocytes         MPS VI       □ GUSBW         □ GUSBW       Beta-Glucuronidase, Leukocytes         □ GUSBB       Beta-Glucuronidase, Blood Spot         Multiple Sulfatase Deficiency       Blood Spot         □ MSDBS       Multiple Sulfatase Deficiency, Blood Spot         MMSDW       Multiple Sulfatase Deficiency, Blood Spot         MMSDW       Multiple Sulfatase Deficiency, Blood Spot         MSDW       Multiple Sulfatase Deficiency, Blood Spot         MSDW       Multiple Sulfatase Deficiency, Blood Spot         MPS Type IVB (Morquio B)       BGA         B BGA       Beta-Glucuronidase, Leukocytes         Niemann-Pick Type A and B       ASMW         △ ASMW       Acid Sphingomyelinase, Leukocytes         ○ 0XNP       Oxysterols, Plasma         Ni	MPS Type I	I (Hunter)			
MPS Type III         MPS3B       Mucopolysaccharidosis III, Three-Enzyme Panel, Blood Spot         MPS3W       Mucopolysaccharidosis III, Four-Enzyme Panel, Leukocytes         MPS Type IV       MPS4B         MVCopolysaccharidosis IV Enzyme Panel, Blood Spot         MPS4W       Mucopolysaccharidosis IV Enzyme Panel, Leukocytes         MPS VI       ARSBB         ARSBW       Arylsulfatase B, Blood Spot         ARSBW       Arylsulfatase B, Leukocytes         MPS VI       GUSBW         GUSBW       Beta-Glucuronidase, Leukocytes         GUSBB       Beta-Glucuronidase, Blood Spot         Multiple Sulfatase Deficiency       Blood Spot         MSDW       Multiple Sulfatase Deficiency, Blood Spot         MMSDW       Multiple Sulfatase Deficiency, Leukocytes         MPS Type IVB (Morquio B)       BGA         BGA       Beta-Galactosidase, Leukocytes         Niemann-Pick Types A and B       ASMW         Acid Sphingomyelinase, Leukocytes       OXNP         OxNP       Oxysterols, Plasma         Niemann-Pick Type C       Niemann-Pick Type C         NIEM       Niemann-Pick Type C Detection, Fibroblasts         OXNP       Oxysterols, Plasma         Neuronal Ceroid Lipofuscinosis, Two-Enzyme Panel, Blood Spot	I2SB	Iduronate-2-Sulfatase, Blood Spot			
MPS3B       Mucopolysaccharidosis III, Three-Enzyme Panel, Blood Spot         MPS3W       Mucopolysaccharidosis IV, Four-Enzyme Panel, Leukocytes         MPS4B       Mucopolysaccharidosis IV Enzyme Panel, Blood Spot         MPS4W       Mucopolysaccharidosis IV Enzyme Panel, Leukocytes         MPS4W       Arylsulfatase B, Blood Spot         ARSBB       Arylsulfatase B, Leukocytes         GUSBB       Beta-Glucuronidase, Leukocytes         GUSBB       Beta-Glucuronidase, Blood Spot         Multiple Sulfatase Deficiency       Blood Spot         MSDW       Multiple Sulfatase Deficiency, Leukocytes         MSDW       Multiple Sulfatase Deficiency, Leukocytes         MPS Type IVB (Morquio B)       BGA         BGA       Beta-Galactosidase, Leukocytes         Niemann-Pick Type C       Niemann-Pick Type C         NIEM       Niemann-Pick Type C         NIEM       Niemann-Pick Type C         NLS       Neuronal Ceroid Lipofuscinosis, Two-Enzyme Panel, Blood Spot         NCLW       Neuronal Ceroid Lipofuscinosis, Two-Enzyme Panel, Blood Spot         NCLW <t< td=""><td></td><td></td></t<>					
Panel, Blood Spot         MPS3W       Mucopolysaccharidosis III, Four-Enzyme Panel, Leukocytes         MPS4B       Mucopolysaccharidosis IV Enzyme Panel, Blood Spot         MPS4W       Mucopolysaccharidosis IV Enzyme Panel, Leukocytes         MPS4W       Arylsulfatase B, Blood Spot         ARSBB       Arylsulfatase B, Leukocytes         GUSBB       Beta-Glucuronidase, Leukocytes         GUSBB       Beta-Glucuronidase, Blood Spot         Multiple Sulfatase Deficiency       Blood Spot         MSDW       Multiple Sulfatase Deficiency, Leukocytes         MSDW       Multiple Sulfatase Deficiency, Leukocytes         MSDW       Multiple Sulfatase Deficiency, Leukocytes         MSDW       Multiple Sulfatase Deficiency, Blood Spot         MSDW       Muson       Bload Spot         MSDW       Muson       Panel, Eukocytes         Niemann-Pick Type C       Niemann-Pick	MPS Type I	II			
Panel, Leukocytes         MPS Type IV         MPS4B       Mucopolysaccharidosis IV Enzyme Panel, Blood Spot         MPS4W       Mucopolysaccharidosis IV Enzyme Panel, Leukocytes         MPS4W       Mucopolysaccharidosis IV Enzyme Panel, Leukocytes         MPS4W       Mucopolysaccharidosis IV Enzyme Panel, Leukocytes         MPS VI       ARSBB       Arylsulfatase B, Blood Spot         ARSBW       Arylsulfatase B, Leukocytes         GUSBW       Beta-Glucuronidase, Leukocytes         GUSBB       Beta-Glucuronidase, Blood Spot         Multiple Sulfatase Deficiency       Mod Spot         MSDW       Multiple Sulfatase Deficiency, Blood Spot         MSDW       Multiple Sulfatase Deficiency, Leukocytes         MSDW       Multiple Sulfatase Deficiency, Blood Spot         MSDW       Mutiple Sulfatase Deficiency, Blood Spot         MSDW       Mutiple Sulfatase Deficiency, Leukocytes         NEmann-Pick Type A and B       SAMW         Acid Sphingomyelinase, Leukocytes       OXNP         OXNP       Oxysterols, Plasma         Neuronal Ceroid Lipofuscinosis, Two-Enzyme	□ MPS3B				
MPS4B       Mucopolysaccharidosis IV Enzyme Panel, Blood Spot         MPS4W       Mucopolysaccharidosis IV Enzyme Panel, Leukocytes         MPS VI       ARSBB         ARSBW       Arylsulfatase B, Blood Spot         ARSBW       Arylsulfatase B, Leukocytes         MPS VII       GUSBW         GUSBW       Beta-Glucuronidase, Leukocytes         GUSBB       Beta-Glucuronidase, Blood Spot         Multiple Sulfatase Deficiency       Blood Spot         MSDW       Multiple Sulfatase Deficiency, Blood Spot         MSDW       Multiple Sulfatase Deficiency, Leukocytes         MPS Type IVB (Morquio B)       BGA         BGA       Beta-Galactosidase, Leukocytes         Niemann-Pick Types A and B       ASMW         ASIW       Acid Sphingomyelinase, Leukocytes         OXNP       Oxysterols, Plasma         Niemann-Pick Type C       NIEM         NIEM       Niemann-Pick Type C Detection, Fibroblasts         OXNP       Oxysterols, Plasma         Neuronal Ceroid Lipofuscinosis, Two-Enzyme Panel, Blood Spot         NCLBS       Neuronal Ceroid Lipofuscinosis, Two-Enzyme Panel, Leukocyte         Pompe Disease       GAAW         GAAW       Acid Alpha-Glucosidase, Leukocytes         HEX4       Glucotetrasaccharides, Ra	D MPS3W				
Blood Spot         MPS4W       Mucopolysaccharidosis IV Enzyme Panel, Leukocytes         MPS VI         ARSBB       Arylsulfatase B, Blood Spot         ARSBW       Arylsulfatase B, Leukocytes         MPS VII       GUSBW         Bdysew       Beta-Glucuronidase, Leukocytes         GUSBB       Beta-Glucuronidase, Blood Spot         Multiple Sulfatase Deficiency       Mod Spot         MSDBS       Multiple Sulfatase Deficiency, Leukocytes         MSDW       Multiple Sulfatase Deficiency, Leukocytes         MPS Type IVB (Morquio B)       BGA         BGA       Beta-Galactosidase, Leukocytes         Niemann-Pick Types A and B       ASMW         Acid Sphingomyelinase, Leukocytes       OXNP         OXNP       Oxysterols, Plasma         Niemann-Pick Type C       Niemann-Pick Type C         NIEM       Niemann-Pick Type C Detection, Fibroblasts         OXNP       Oxysterols, Plasma         Neuronal Ceroid Lipofuscinosis, Two-Enzyme Panel, Blood Spot         NCLBS       Neuronal Ceroid Lipofuscinosis, Two-Enzyme Panel, Leukocytes         Pompe Disease       GAAW         Acid Alpha-Glucosidase, Leukocytes         HEX4       Glucotetrasaccharides, Random, Urine         PDBS       Pompe Disease Cross	MPS Type I	V			
Leukocytes         MPS VI         ARSBB       Arylsulfatase B, Blood Spot         ARSBW       Arylsulfatase B, Leukocytes         MPS VII	□ MPS4B				
□       ARSBB       Arylsulfatase B, Blood Spot         □       ARSBW       Arylsulfatase B, Leukocytes         MPS VII       □       GUSBW       Beta-Glucuronidase, Leukocytes         □       GUSBB       Beta-Glucuronidase, Blood Spot         Multiple Sulfatase Deficiency       MsDBS       Multiple Sulfatase Deficiency, Blood Spot         □       MSDBS       Multiple Sulfatase Deficiency, Leukocytes         MPS Type IVB (Morquio B)       BGA       Beta-Galactosidase, Leukocytes         Niemann-Pick Types A and B       ASMW       Acid Sphingomyelinase, Leukocytes         OXNP       Oxysterols, Plasma       Niemann-Pick Type C         □       NIEM       Niemann-Pick Type C         □       NLBS       Neuronal Ceroid Lipofuscinosis, Two-Enzyme Panel, Blood Spot         □       NCLW       Neuronal Ceroid Lipofuscinosis, Two-Enzyme Panel, Leukocyte         Pompe Disease       GaAAW       Acid Alpha-Glucosidase, Leukocytes         □       HEX4       Glucotetrasaccharides, Random, Urine         □       PDCRF       Pompe Disease Cross-Reactive Immunological Material Status, Fibroblasts <td>□ MPS4W</td> <td></td>	□ MPS4W				
□ ARSBW       Arylsulfatase B, Leukocytes         MPS VII       □         □ GUSBW       Beta-Glucuronidase, Leukocytes         □ GUSBB       Beta-Glucuronidase, Blood Spot         Multiple Sulfatase Deficiency       □         □ MSDBS       Multiple Sulfatase Deficiency, Blood Spot         □ MSDW       Multiple Sulfatase Deficiency, Leukocytes         MPS Type IVB (Morquio B)       □         □ BGA       Beta-Galactosidase, Leukocytes         Niemann-Pick Types A and B       □         □ ASMW       Acid Sphingomyelinase, Leukocytes         □ OXNP       Oxysterols, Plasma         Niemann-Pick Type C       □         □ NIEM       Niemann-Pick Type C Detection, Fibroblasts         □ OXNP       Oxysterols, Plasma         Neuronal Ceroid Lipofuscinoses       □         □ NCLBS       Neuronal Ceroid Lipofuscinosis, Two-Enzyme Panel, Blood Spot         □ NCLW       Neuronal Ceroid Lipofuscinosis, Two-Enzyme Panel, Leukocytes         □ GAAW       Acid Alpha-Glucosidase, Leukocytes         □ GAAW       Acid Alpha-Glucosidase, Leukocytes         □ PDRF       Pompe Disease Cross-Reactive Immunological Material Status, Fibroblasts         □ PDCRF       Pompe Disease Cross-Reactive Immunological Material Status, Leukocytes         Tay-Sachs a	MPS VI				
MPS VII         GUSBW       Beta-Glucuronidase, Leukocytes         GUSBB       Beta-Glucuronidase, Blood Spot         Multiple Sulfatase Deficiency       MSDBS         MSDBS       Multiple Sulfatase Deficiency, Leukocytes         MPS Type IVB (Morquio B)       BGA         BGA       Beta-Galactosidase, Leukocytes         Niemann-Pick Types A and B       ASMW         ASMW       Acid Sphingomyelinase, Leukocytes         Niemann-Pick Type C       NIEM         NIEM       Niemann-Pick Type C         NIEM       Niemann-Pick Type C         NIEM       Niemann-Pick Type C         NLEM       Niemann-Pick Type C         NLEM       Niemann-Pick Type C         NCLBS       Neuronal Ceroid Lipofuscinosis, Two-Enzyme Panel, Blood Spot         NCLW       Neuronal Ceroid Lipofuscinosis, Two-Enzyme Panel, Leukocyte         Pompe Disease       GAAW         Acid Alpha-Glucosidase, Leukocytes         HEX4       Glucotetrasaccharides, Random, Urine         PDBS       Pompe Disease Cross-Reactive Immunological Material Status, Fibroblasts         PDCRF       Pompe Disease Cross-Reactive Immunological Material Status, Leukocytes         Tay-Sachs and Sandhoff Diseases       NAGS         NAGS       Hexosaminidase A and Total H	🗆 ARSBB	Arylsulfatase B, Blood Spot			
□       GUSBW       Beta-Glucuronidase, Leukocytes         □       GUSBB       Beta-Glucuronidase, Blood Spot         Multiple Sulfatase Deficiency       MSDBS       Multiple Sulfatase Deficiency, Blood Spot         □       MSDW       Multiple Sulfatase Deficiency, Leukocytes         MPS Type IVB (Morquio B)       BGA       Beta-Galactosidase, Leukocytes         ■       MSDW       Acid Sphingomyelinase, Leukocytes         ■       ASMW       Acid Sphingomyelinase, Leukocytes         ■       OXNP       Oxysterols, Plasma         Niemann-Pick Type C       NIEM       Niemann-Pick Type C Detection, Fibroblasts         ■       OXNP       Oxysterols, Plasma         Neuronal Ceroid Lipofuscinoses       NCLBS       Neuronal Ceroid Lipofuscinosis, Two-Enzyme Panel, Blood Spot         ■       NCLW       Neuronal Ceroid Lipofuscinosis, Two-Enzyme Panel, Leukocyte         Pompe Disease       GAAW       Acid Alpha-Glucosidase, Leukocytes         □       HEX4       Glucotetrasaccharides, Random, Urine         ■       PDDRF       Pompe Disease Cross-Reactive Immunological Material Status, Fibroblasts         □       PDCRF       Pompe Disease Cross-Reactive Immunological Material Status, Leukocytes         Tay-Sachs and Sandhoff Diseases       Immunological Material Status, Leukocytes <td>□ ARSBW</td> <td>Arylsulfatase B, Leukocytes</td>	□ ARSBW	Arylsulfatase B, Leukocytes			
□ GUSBB       Beta-Glucuronidase, Blood Spot         Multiple Sulfatase Deficiency         □ MSDBS       Multiple Sulfatase Deficiency, Blood Spot         □ MSDW       Multiple Sulfatase Deficiency, Leukocytes         MPS Type IVB (Morquio B)       BGA         □ BGA       Beta-Galactosidase, Leukocytes         Niemann-Pick Types A and B       ASMW         □ ASMW       Acid Sphingomyelinase, Leukocytes         □ OXNP       Oxysterols, Plasma         Niemann-Pick Type C       NIEM         □ NIEM       Niemann-Pick Type C Detection, Fibroblasts         □ OXNP       Oxysterols, Plasma         Neuronal Ceroid Lipofuscinoses       NCLW         □ NCLW       Neuronal Ceroid Lipofuscinosis, Two-Enzyme Panel, Blood Spot         □ NCLW       Neuronal Ceroid Lipofuscinosis, Two-Enzyme Panel, Leukocyte         Pompe Disease       GAAW         □ GAAW       Acid Alpha-Glucosidase, Leukocytes         □ HEX4       Glucotetrasaccharides, Random, Urine         □ PDBS       Pompe Disease Cross-Reactive Immunological Material Status, Fibroblasts         □ PDCRF       Pompe Disease Cross-Reactive Immunological Material Status, Leukocytes         Tay-Sachs and Sandhoff Diseases       NAGW         □ NAGW       Hexosaminidase A and Total Hexosaminidase, Leukocytes	MPS VII				
Multiple Sulfatase Deficiency         MSDBS       Multiple Sulfatase Deficiency, Blood Spot         MSDW       Multiple Sulfatase Deficiency, Leukocytes         MPS Type IVB (Morquio B)       BGA         BGA       Beta-Galactosidase, Leukocytes         Niemann-Pick Types A and B       ASMW         ASMW       Acid Sphingomyelinase, Leukocytes         OXNP       Oxysterols, Plasma         Niemann-Pick Type C       NIEM         NIEM       Niemann-Pick Type C Detection, Fibroblasts         OXNP       Oxysterols, Plasma         Neuronal Ceroid Lipofuscinoses       NCLBS         NCLBS       Neuronal Ceroid Lipofuscinosis, Two-Enzyme Panel, Blood Spot         NCLW       Neuronal Ceroid Lipofuscinosis, Two-Enzyme Panel, Leukocytes         GAAW       Acid Alpha-Glucosidase, Leukocytes         HEX4       Glucotetrasaccharides, Random, Urine         PDBS       Pompe Disease         GAAW       Acid Alpha-Glucosidase, Leukocytes         PDCRF       Pompe Disease Cross-Reactive Immunological Material Status, Fibroblasts         PDCRW       Pompe Disease Cross-Reactive Immunological Material Status, Leukocytes         Tay-Sachs and Sandhoff Diseases       NAGW         NAGS       Hexosaminidase A and Total Hexosaminidase, Leukocytes         NAGS	🗆 GUSBW	Beta-Glucuronidase, Leukocytes			
□ MSDBS       Multiple Sulfatase Deficiency, Blood Spot         □ MSDW       Multiple Sulfatase Deficiency, Leukocytes <b>MPS Type IVB (Morquio B)</b> □ BGA       Beta-Galactosidase, Leukocytes <b>Niemann-Pick Types A and B</b> □ ASMW       Acid Sphingomyelinase, Leukocytes <b>OXNP</b> Oxysterols, Plasma <b>Niemann-Pick Type C</b> □ NIEM       Niemann-Pick Type C         □ NIEM       Niemann-Pick Type C Detection, Fibroblasts         □ OXNP       Oxysterols, Plasma <b>Neuronal Ceroid Lipofuscinoses</b> NCLBS         □ NCLW       Neuronal Ceroid Lipofuscinosis, Two-Enzyme Panel, Blood Spot         □ NCLW       Neuronal Ceroid Lipofuscinosis, Two-Enzyme Panel, Leukocyte <b>Pompe Disease</b> GAAW         □ GAAW       Acid Alpha-Glucosidase, Leukocytes         □ HEX4       Glucotetrasaccharides, Random, Urine         □ PDBS       Pompe Disease, Blood Spot         □ PDCRF       Pompe Disease Cross-Reactive Immunological Material Status, Fibroblasts         □ PDCRW       Pompe Disease Cross-Reactive Immunological Material Status, Leukocytes <b>Tay-Sachs and Sandhoff Diseases</b> NAGW         □ NAGS       Hexosaminidase A and Total Hexosaminidase A and Total Hexosaminidase, Serum         □ NAGR       Hexosaminidase A and Total, Leukocyte	🗆 GUSBB	Beta-Glucuronidase, Blood Spot			
□       MSDW       Multiple Sulfatase Deficiency, Leukocytes         MPS Type IVB (Morquio B)       □       BGA       Beta-Galactosidase, Leukocytes         Niemann-Pick Types A and B       □       ASMW       Acid Sphingomyelinase, Leukocytes         □       OXNP       Oxysterols, Plasma         Niemann-Pick Type C       □       NIEM       Niemann-Pick Type C Detection, Fibroblasts         □       OXNP       Oxysterols, Plasma       Neuronal Ceroid Lipofuscinoses         □       NCLBS       Neuronal Ceroid Lipofuscinosis, Two-Enzyme Panel, Blood Spot         □       NCLW       Neuronal Ceroid Lipofuscinosis, Two-Enzyme Panel, Leukocyte         Pompe Disease       □       GAAW       Acid Alpha-Glucosidase, Leukocytes         □       HEX4       Glucotetrasaccharides, Random, Urine       PDBS         □       PDCRF       Pompe Disease Cross-Reactive Immunological Material Status, Fibroblasts         □       PDCRW       Pompe Disease Cross-Reactive Immunological Material Status, Leukocytes         Tay-Sachs and Sandhoff Diseases       □       NAGW         □       NAGS       Hexosaminidase A and Total Hexosaminidase, Serum         □       NAGR       Hexosaminidase A and Total, Leukocytes/Molecular Reflex, Whole Blood	Multiple Su	Ilfatase Deficiency			
MPS Type IVB (Morquio B)         BGA       Beta-Galactosidase, Leukocytes         Niemann-Pick Types A and B         ASMW       Acid Sphingomyelinase, Leukocytes         OXNP       Oxysterols, Plasma         Niemann-Pick Type C         NIEM       Niemann-Pick Type C Detection, Fibroblasts         OXNP       Oxysterols, Plasma         Neuronal Ceroid Lipofuscinoses         NCLBS       Neuronal Ceroid Lipofuscinosis, Two-Enzyme Panel, Blood Spot         NCLW       Neuronal Ceroid Lipofuscinosis, Two-Enzyme Panel, Leukocyte         Pompe Disease       GAAW         GAAW       Acid Alpha-Glucosidase, Leukocytes         HEX4       Glucotetrasaccharides, Random, Urine         PDBS       Pompe Disease Cross-Reactive Immunological Material Status, Fibroblasts         PDCRF       Pompe Disease Cross-Reactive Immunological Material Status, Leukocytes         Tay-Sachs and Sandhoff Diseases       NAGW         NAGW       Hexosaminidase A and Total Hexosaminidase, Leukocytes         NAGS       Hexosaminidase A and Total Hexosaminidase, Serum         NAGR       Hexosaminidase A and Total, Leukocytes/Molecular Reflex, Whole Blood	□ MSDBS	Multiple Sulfatase Deficiency, Blood Spot			
□       BGA       Beta-Galactosidase, Leukocytes         Niemann-Pick Types A and B       ASMW       Acid Sphingomyelinase, Leukocytes         □       OXNP       Oxysterols, Plasma         Niemann-Pick Type C       NIEM       Niemann-Pick Type C Detection, Fibroblasts         □       OXNP       Oxysterols, Plasma         Neuronal Ceroid Lipofuscinoses       NCLBS       Neuronal Ceroid Lipofuscinosis, Two-Enzyme Panel, Blood Spot         □       NCLW       Neuronal Ceroid Lipofuscinosis, Two-Enzyme Panel, Leukocyte         Pompe Disease       GAAW       Acid Alpha-Glucosidase, Leukocytes         □       HEX4       Glucotetrasaccharides, Random, Urine         □       PDDRF       Pompe Disease, Blood Spot         □       PDCRF       Pompe Disease Cross-Reactive Immunological Material Status, Fibroblasts         □       PDCRW       Pompe Disease Cross-Reactive Immunological Material Status, Leukocytes         Tay-Sachs and Sandhoff Diseases       NAGW       Hexosaminidase A and Total Hexosaminidase, Leukocytes         □       NAGS       Hexosaminidase A and Total Hexosaminidase, Serum       NAGR	□ msdw	Multiple Sulfatase Deficiency, Leukocytes			
Niemann-Pick Types A and B         ASMW       Acid Sphingomyelinase, Leukocytes         OXNP       Oxysterols, Plasma         Niemann-Pick Type C         NIEM       Niemann-Pick Type C Detection, Fibroblasts         OXNP       Oxysterols, Plasma         Neuronal Ceroid Lipofuscinoses         NCLBS       Neuronal Ceroid Lipofuscinosis, Two-Enzyme Panel, Blood Spot         NCLW       Neuronal Ceroid Lipofuscinosis, Two-Enzyme Panel, Leukocyte         Pompe Disease       GAAW         Acid Alpha-Glucosidase, Leukocytes         HEX4       Glucotetrasaccharides, Random, Urine         PDBS       Pompe Disease, Blood Spot         PDCRF       Pompe Disease Cross-Reactive Immunological Material Status, Fibroblasts         PDCRW       Pompe Disease Cross-Reactive Immunological Material Status, Leukocytes         Tay-Sachs and Sandhoff Diseases       NAGW         NAGS       Hexosaminidase A and Total Hexosaminidase, Leukocytes         NAGS       Hexosaminidase A and Total Hexosaminidase, Serum         NAGR       Hexosaminidase A and Total, Leukocytes/Molecular Reflex, Whole Blood	MPS Type I	VB (Morquio B)			
□ ASMW       Acid Sphingomyelinase, Leukocytes         □ 0XNP       Oxysterols, Plasma         Niemann-Pick Type C         □ NIEM       Niemann-Pick Type C Detection, Fibroblasts         □ 0XNP       Oxysterols, Plasma         Neuronal Ceroid Lipofuscinoses         □ NCLBS       Neuronal Ceroid Lipofuscinosis, Two-Enzyme Panel, Blood Spot         □ NCLW       Neuronal Ceroid Lipofuscinosis, Two-Enzyme Panel, Leukocyte         Pompe Disease       □         □ GAAW       Acid Alpha-Glucosidase, Leukocytes         □ HEX4       Glucotetrasaccharides, Random, Urine         □ PDBS       Pompe Disease Cross-Reactive Immunological Material Status, Fibroblasts         □ PDCRF       Pompe Disease Cross-Reactive Immunological Material Status, Leukocytes         Tay-Sachs and Sandhoff Diseases       □         □ NAGW       Hexosaminidase A and Total Hexosaminidase, Leukocytes         □ NAGS       Hexosaminidase A and Total Hexosaminidase, Serum         □ NAGR       Hexosaminidase A and Total, Leukocytes/Molecular Reflex, Whole Blood	🗆 BGA	Beta-Galactosidase, Leukocytes			
<ul> <li>OXNP Oxysterols, Plasma</li> <li>Niemann-Pick Type C</li> <li>NIEM Niemann-Pick Type C Detection, Fibroblasts</li> <li>OXNP Oxysterols, Plasma</li> <li>Neuronal Ceroid Lipofuscinoses</li> <li>NCLBS Neuronal Ceroid Lipofuscinosis, Two-Enzyme Panel, Blood Spot</li> <li>NCLW Neuronal Ceroid Lipofuscinosis, Two-Enzyme Panel, Leukocyte</li> <li>Pompe Disease</li> <li>GAAW Acid Alpha-Glucosidase, Leukocytes</li> <li>HEX4 Glucotetrasaccharides, Random, Urine</li> <li>PDBS Pompe Disease, Blood Spot</li> <li>PDCRF Pompe Disease Cross-Reactive Immunological Material Status, Fibroblasts</li> <li>PDCRW Pompe Disease Cross-Reactive Immunological Material Status, Leukocytes</li> <li>Tay-Sachs and Sandhoff Diseases</li> <li>NAGW Hexosaminidase A and Total Hexosaminidase, Leukocytes</li> <li>NAGS Hexosaminidase A and Total Hexosaminidase, Serum</li> <li>NAGR Hexosaminidase A and Total, Leukocytes/Molecular Reflex, Whole Blood</li> </ul>	Niemann-P	ick Types A and B			
Niemann-Pick Type C         NIEM       Niemann-Pick Type C Detection, Fibroblasts         OXNP       Oxysterols, Plasma         Neuronal Ceroid Lipofuscinoses         NCLBS       Neuronal Ceroid Lipofuscinosis, Two-Enzyme Panel, Blood Spot         NCLW       Neuronal Ceroid Lipofuscinosis, Two-Enzyme Panel, Leukocyte         Pompe Disease       GAAW         GAAW       Acid Alpha-Glucosidase, Leukocytes         HEX4       Glucotetrasaccharides, Random, Urine         PDBS       Pompe Disease Cross-Reactive Immunological Material Status, Fibroblasts         PDCRF       Pompe Disease Cross-Reactive Immunological Material Status, Leukocytes         Tay-Sachs and Sandhoff Diseases       NAGW         NAGS       Hexosaminidase A and Total Hexosaminidase, Leukocytes         NAGS       Hexosaminidase A and Total Hexosaminidase, Serum         NAGR       Hexosaminidase A and Total, Leukocytes/Molecular Reflex, Whole Blood	□ ASMW	Acid Sphingomyelinase, Leukocytes			
<ul> <li>NIEM Niemann-Pick Type C Detection, Fibroblasts</li> <li>OXNP Oxysterols, Plasma</li> <li>Neuronal Ceroid Lipofuscinoses</li> <li>NCLBS Neuronal Ceroid Lipofuscinosis, Two-Enzyme Panel, Blood Spot</li> <li>NCLW Neuronal Ceroid Lipofuscinosis, Two-Enzyme Panel, Leukocyte</li> <li>Pompe Disease</li> <li>GAAW Acid Alpha-Glucosidase, Leukocytes</li> <li>HEX4 Glucotetrasaccharides, Random, Urine</li> <li>PDDRF Pompe Disease, Blood Spot</li> <li>PDCRF Pompe Disease Cross-Reactive Immunological Material Status, Fibroblasts</li> <li>PDCRW Pompe Disease Cross-Reactive Immunological Material Status, Leukocytes</li> <li>Tay-Sachs and Sandhoff Diseases</li> <li>NAGW Hexosaminidase A and Total Hexosaminidase, Leukocytes</li> <li>NAGS Hexosaminidase A and Total Hexosaminidase, Serum</li> <li>NAGR Hexosaminidase A and Total, Leukocytes/Molecular Reflex, Whole Blood</li> </ul>	D OXNP	Oxysterols, Plasma			
<ul> <li>OXNP Oxysterols, Plasma</li> <li>Neuronal Ceroid Lipofuscinoses</li> <li>NCLBS Neuronal Ceroid Lipofuscinosis, Two-Enzyme Panel, Blood Spot</li> <li>NCLW Neuronal Ceroid Lipofuscinosis, Two-Enzyme Panel, Leukocyte</li> <li>Pompe Disease</li> <li>GAAW Acid Alpha-Glucosidase, Leukocytes</li> <li>HEX4 Glucotetrasaccharides, Random, Urine</li> <li>PDBS Pompe Disease, Blood Spot</li> <li>PDCRF Pompe Disease Cross-Reactive Immunological Material Status, Fibroblasts</li> <li>PDCRW Pompe Disease Cross-Reactive Immunological Material Status, Leukocytes</li> <li>Tay-Sachs and Sandhoff Diseases</li> <li>NAGW Hexosaminidase A and Total Hexosaminidase, Leukocytes</li> <li>NAGS Hexosaminidase A and Total Hexosaminidase, Serum</li> <li>NAGR Hexosaminidase A and Total, Leukocytes/Molecular Reflex, Whole Blood</li> </ul>	Niemann-P	ick Type C			
Neuronal Ceroid Lipofuscinoses         NCLBS       Neuronal Ceroid Lipofuscinosis, Two-Enzyme Panel, Blood Spot         NCLW       Neuronal Ceroid Lipofuscinosis, Two-Enzyme Panel, Leukocyte         Pompe Disease       GAAW         GAAW       Acid Alpha-Glucosidase, Leukocytes         HEX4       Glucotetrasaccharides, Random, Urine         PDBS       Pompe Disease Cross-Reactive Immunological Material Status, Fibroblasts         PDCRF       Pompe Disease Cross-Reactive Immunological Material Status, Leukocytes         Tay-Sachs and Sandhoff Diseases       NAGW         NAGS       Hexosaminidase A and Total Hexosaminidase, Serum         NAGR       Hexosaminidase A and Total, Leukocytes/Molecular Reflex, Whole Blood		Niemann-Pick Type C Detection, Fibroblasts			
<ul> <li>NCLBS Neuronal Ceroid Lipofuscinosis, Two-Enzyme Panel, Blood Spot</li> <li>NCLW Neuronal Ceroid Lipofuscinosis, Two-Enzyme Panel, Leukocyte</li> <li>Pompe Disease</li> <li>GAAW Acid Alpha-Glucosidase, Leukocytes</li> <li>HEX4 Glucotetrasaccharides, Random, Urine</li> <li>PDBS Pompe Disease, Blood Spot</li> <li>PDCRF Pompe Disease Cross-Reactive Immunological Material Status, Fibroblasts</li> <li>PDCRW Pompe Disease Cross-Reactive Immunological Material Status, Leukocytes</li> <li>Tay-Sachs and Sandhoff Diseases</li> <li>NAGW Hexosaminidase A and Total Hexosaminidase, Leukocytes</li> <li>NAGS Hexosaminidase A and Total Hexosaminidase, Serum</li> <li>NAGR Hexosaminidase A and Total, Leukocytes/Molecular Reflex, Whole Blood</li> </ul>	□ OXNP	Oxysterols, Plasma			
<ul> <li>NCLBS Neuronal Ceroid Lipofuscinosis, Two-Enzyme Panel, Blood Spot</li> <li>NCLW Neuronal Ceroid Lipofuscinosis, Two-Enzyme Panel, Leukocyte</li> <li>Pompe Disease</li> <li>GAAW Acid Alpha-Glucosidase, Leukocytes</li> <li>HEX4 Glucotetrasaccharides, Random, Urine</li> <li>PDBS Pompe Disease, Blood Spot</li> <li>PDCRF Pompe Disease Cross-Reactive Immunological Material Status, Fibroblasts</li> <li>PDCRW Pompe Disease Cross-Reactive Immunological Material Status, Leukocytes</li> <li>Tay-Sachs and Sandhoff Diseases</li> <li>NAGW Hexosaminidase A and Total Hexosaminidase, Leukocytes</li> <li>NAGS Hexosaminidase A and Total Hexosaminidase, Serum</li> <li>NAGR Hexosaminidase A and Total, Leukocytes/Molecular Reflex, Whole Blood</li> </ul>					
Two-Enzyme Panel, Leukocyte         Pompe Disease         GAAW       Acid Alpha-Glucosidase, Leukocytes         HEX4       Glucotetrasaccharides, Random, Urine         PDBS       Pompe Disease, Blood Spot         PDCRF       Pompe Disease Cross-Reactive Immunological Material Status, Fibroblasts         PDCRW       Pompe Disease Cross-Reactive Immunological Material Status, Leukocytes         Tay-Sachs and Sandhoff Diseases       Immunological Material Status, Leukocytes         NAGW       Hexosaminidase A and Total Hexosaminidase, Leukocytes         NAGS       Hexosaminidase A and Total Hexosaminidase, Serum         NAGR       Hexosaminidase A and Total, Leukocytes/Molecular Reflex, Whole Blood		Neuronal Ceroid Lipofuscinosis,			
□ GAAW       Acid Alpha-Glucosidase, Leukocytes         □ HEX4       Glucotetrasaccharides, Random, Urine         □ PDBS       Pompe Disease, Blood Spot         □ PDCRF       Pompe Disease Cross-Reactive Immunological Material Status, Fibroblasts         □ PDCRW       Pompe Disease Cross-Reactive Immunological Material Status, Leukocytes         Tay-Sachs and Sandhoff Diseases		•			
<ul> <li>□ HEX4 Glucotetrasaccharides, Random, Urine</li> <li>□ PDBS Pompe Disease, Blood Spot</li> <li>□ PDCRF Pompe Disease Cross-Reactive Immunological Material Status, Fibroblasts</li> <li>□ PDCRW Pompe Disease Cross-Reactive Immunological Material Status, Leukocytes</li> <li><b>Tay-Sachs and Sandhoff Diseases</b></li> <li>□ NAGW Hexosaminidase A and Total Hexosaminidase, Leukocytes</li> <li>□ NAGS Hexosaminidase A and Total Hexosaminidase, Serum</li> <li>□ NAGR Hexosaminidase A and Total, Leukocytes/Molecular Reflex, Whole Blood</li> </ul>	Pompe Dis	ease			
<ul> <li>PDBS Pompe Disease, Blood Spot</li> <li>PDCRF Pompe Disease Cross-Reactive Immunological Material Status, Fibroblasts</li> <li>PDCRW Pompe Disease Cross-Reactive Immunological Material Status, Leukocytes</li> <li>Tay-Sachs and Sandhoff Diseases</li> <li>NAGW Hexosaminidase A and Total Hexosaminidase, Leukocytes</li> <li>NAGS Hexosaminidase A and Total Hexosaminidase, Serum</li> <li>NAGR Hexosaminidase A and Total, Leukocytes/Molecular Reflex, Whole Blood</li> </ul>	🗆 GAAW	Acid Alpha-Glucosidase, Leukocytes			
<ul> <li>PDCRF Pompe Disease Cross-Reactive Immunological Material Status, Fibroblasts</li> <li>PDCRW Pompe Disease Cross-Reactive Immunological Material Status, Leukocytes</li> <li>Tay-Sachs and Sandhoff Diseases</li> <li>NAGW Hexosaminidase A and Total Hexosaminidase, Leukocytes</li> <li>NAGS Hexosaminidase A and Total Hexosaminidase, Serum</li> <li>NAGR Hexosaminidase A and Total, Leukocytes/Molecular Reflex, Whole Blood</li> </ul>	🗆 HEX4	Glucotetrasaccharides, Random, Urine			
Immunological Material Status, Fibroblasts         PDCRW       Pompe Disease Cross-Reactive Immunological Material Status, Leukocytes         Tay-Sachs and Sandhoff Diseases         NAGW       Hexosaminidase A and Total Hexosaminidase, Leukocytes         NAGS       Hexosaminidase A and Total Hexosaminidase, Serum         NAGR       Hexosaminidase A and Total Leukocytes/Molecular Reflex, Whole Blood	D PDBS	Pompe Disease, Blood Spot			
Immunological Material Status, Leukocytes         Tay-Sachs and Sandhoff Diseases         NAGW       Hexosaminidase A and Total         Hexosaminidase, Leukocytes         NAGS       Hexosaminidase A and Total         Hexosaminidase, Serum         NAGR       Hexosaminidase A and Total,         Leukocytes/Molecular Reflex, Whole Blood	D PDCRF				
<ul> <li>NAGW Hexosaminidase A and Total Hexosaminidase, Leukocytes</li> <li>NAGS Hexosaminidase A and Total Hexosaminidase, Serum</li> <li>NAGR Hexosaminidase A and Total, Leukocytes/Molecular Reflex, Whole Blood</li> </ul>	D PDCRW				
<ul> <li>Hexosaminidase, Leukocytes</li> <li>NAGS Hexosaminidase A and Total Hexosaminidase, Serum</li> <li>NAGR Hexosaminidase A and Total, Leukocytes/Molecular Reflex, Whole Blood</li> </ul>					
Hexosaminidase, Serum NAGR Hexosaminidase A and Total, Leukocytes/Molecular Reflex, Whole Blood	D NAGW				
Leukocytes/Molecular Reflex, Whole Blood	□ NAGS				
MUGS Hexosaminidase A, Serum	D NAGR				
		Hexosaminidase A, Serum			

## **Patient Information** (required)

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

MITOCHONDRIAL ENERGY METABOLISM PORPHYRIAS		UREA CYCLE DISORDERS		
Q10 Coenzyme Q10, Reduced and Total, Plasma	Urine		🗆 AAQP	Amino Acids, Quantitative, Plasma
🗆 TQ10 Coenzyme Q10, Total, Plasma	□ ALAUR	Aminolevulinic Acid, Urine	🗆 AAPD	Amino Acids, Quantitative, Random, Urine
FAPM Fatty Acid Profile, Mitochondrial (C8-C18), Serum	🗆 PBGU	Porphobilinogen, Quantitative, Random, Urine		Amino Acids, Urea Cycle Disorders Panel, Plasma
GDF15 Growth Differentiation Factor 15, Plasma	🗆 PQNU	Porphyrins, Quantitative, 24 Hour, Urine	DAU	Organic Acids Screen, Random, Urine
LAPYP Lactate Pyruvate Panel, Plasma	🗆 PQNRU	Porphyrins, Quantitative, Random, Urine	🗆 OROT	Orotic Acid, Random, Urine
MMPP Mitochondrial Metabolites, Plasma	Plasma			AL TESTS
<ul> <li>OAU</li> <li>Organic Acids Screen, Random, Urine</li> <li>PYRC</li> <li>Pyruvate, Spinal Fluid</li> </ul>	PBALP	Porphobilinogen and Aminolevulinic Acid, Plasma		E TEST NUMBER AND NAME)
PYR Pyruvic Acid, Blood	D PTP	Porphyrins, Total, Plasma		
	Fecal			
NEWBORN SCREENING	□ FQPPS	Porphyrins, Feces		
Screening Panels	Blood			
LDALD Lysosomal and Peroxisomal Disorders Newborn Screen, Blood Spot	D PEWE	Porphyrins Evaluation, Washed Erythrocytes		
SNS Supplemental Newborn Screen, Blood Spot	D PEE	Porphyrins Evaluation, Whole Blood		
Second Tier Tests	D PPFWE	Protoporphyrins, Fractionation, Washed Erythrocytes		
□ ALLOI Allo-isoleucine, Blood Spot	D PPFE	Protoporphyrins, Fractionation,		
CAH2T Congenital Adrenal Hyperplasia		Whole Blood		
Newborn Screen, Blood Spot	Enzymes			
GPSY Glucopsychosine, Blood Spot	D PBGDW	Porphobilinogen Deaminase,		
HCMM Homocysteine (Total), Methylmalonic Acid, and Methylcitric Acid, Blood Spot	D PBGD_	Washed Erythrocytes Porphobilinogen Deaminase, Whole Blood		
HGEM Hydroxyglutaric Acids, Glutaric Acid,		Uroporphyrinogen III Synthase		
Ethylmalonic Acid, and Methylsuccinic Acid, Blood Spot		(Co-Synthase), Erythrocytes		
□ KD2T Krabbe Disease Second-Tier Newborn Screen, Blood Spot	UPGDW	Uroporphyrinogen Decarboxylase, Washed Erythrocytes		
LPCBS Lysophosphatidylcholines, LC MS/MS, Blood Spot	□ UPGD	Uroporphyrinogen Decarboxylase, Whole Blood		
MPSBS Mucopolysaccharidosis, Blood Spot	POSTMOR	TEM BIOCHEMICAL TESTING		
□ 0XYBS 0xysterols, Blood Spot	D PMSBB	Postmortem Screening, Bile and Blood Spot		
PD2T Pompe Disease Second-Tier Newborn	<b>PURINE A</b>	ND PYRIMIDINE METABOLISM		
Screening, Blood Spot	PUPYP	Purine and Pyrimidine Panel, Plasma		
PSY Psychosine, Blood Spot	D PUPYU	Purine and Pyrimidine Panel, Random, Urine		
□ SUAC Succinylacetone, Blood Spot	□ SSCTU	S-Sulfocysteine Panel, Urine		

## **PEROXISOMAL BIOGENESIS & METABOLISM**

🗆 baipd	Bile Acids for Peroxisomal Disorders, Serum
D POXP	Fatty Acid Profile, Peroxisomal (C22-C26), Plasma
🗆 РОХ	Fatty Acid Profile, Peroxisomal (C22-C26), Serum
🗆 PIPA	Pipecolic Acid, Serum
🗆 PIPU	Pipecolic Acid, Random, Urine
D PGRBC	Plasmalogens, Blood
D PGDBS	Plasmalogens, Blood Spot