50TH Anniversary
Greenwood Genetic Center
Leading the Way Since 1974

CPT Code and Price List

2024 CPT Codes

Phone: 1-800-473-9411
Email: labgc@ggc.org

Molecular Tests

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Molecular Testing

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Next Generation Sequencing Panels	# of Genes	CPT Code	Price
Aortic Dysfunction or Dilation and Related Disorders Panel	20 Genes	81410	$3,000
Bardet-Biedl Syndrome Panel	26 Genes	81443	$3,000
Brugada Syndrome Panel	18 Genes	81443	$3,000
Central Hypoventilation Panel	3 Genes	81479	$2,000
Charcot-Marie-Tooth Hereditary Neuropathy Panel	54 Genes	81448	$3,000
Cholestasis Panel	73 Genes	81443	$3,500
Coffin-Siris Syndrome Panel	22 Genes	81443	$3,000
Comprehensive Cardiac Panel	108 Genes	81413	$3,500
Comprehensive Pulmonary Panel	124 Genes	81443	$3,500
Cone-Rod Dystrophy Panel	37 Genes	81443	$3,000
Congenital Contractures Panel	57 Genes	81443	$3,000
Congenital Stationary Night Blindness Panel	15 Genes	81443	$2,500
Connective Tissue Disorders Panel	35 Genes	81410	$3,000
Cornelia de Lange Syndrome Panel	5 Genes	81479	$2,000
Craniosynostosis Panel	8 Genes	81479	$2,500
Dilated & Arrhythmogenic Cardiomyopathy Panel	51 Genes	81439	$3,000
Dyskeratosis Congenita Panel	14 Genes	81479	$2,500
Early Infantile Epileptic Encephalopathy Panel	86 Genes	81443	$3,500
Epilepsy/Seizure Panel	165 Genes	81419	$3,500
Familial Hypercholesterolemia Panel	4 Genes	81479	$2,000
Hearing Loss Panel	147 Genes + 10 Mitochondrial Genes	81430	$3,500
Hereditary Spastic Paraplegia Panel	79 Genes	81443	$3,500
Hermansky-Pudlak Syndrome & Pulmonary Fibrosis Panel	40 Genes	81443	$3,000
Hydrops, Non-immune Panel	87 Genes	81443	$3,500
Hypertrophic Cardiomyopathy Panel	24 Genes	81439	$3,000
Kallmann Syndrome & Hypogonadotrophic Hypogonadism Panel	39 Genes	81443	$3,000
Leber Congenital Amaurosis Panel	24 Genes	81443	$3,000
Long QT Syndrome Panel	18 Genes	81413	$3,000
Lysosomal Storage Disorder Panel	75 Genes	81443	$3,500
Macular Degeneration Panel	24 Genes	81443	$3,000
Maturity-onset Diabetes of the Young (MODY) Panel, or Familial Hyperinsulinism Panel	14 Genes	81479	$2,500
Mitochondrial Depletion Panel	23 Genes	81443	$3,000
Neuromuscular Disorders Panel	144 Genes	81443	$3,500
Neuronal Ceroid Lipofuscinoses Panel	9 Genes	81479	$2,500
Ocular Albinism & Hermansky-Pudlak Syndrome Panel	18 Genes	81443	$3,000
Optic Atrophy and Early Glaucoma Panel	34 Genes	81443	$3,000
Overgrowth/Macrocephaly Panel	16 Genes	81443	$3,000
Periodic Fever Panel	14 Genes	81479	$2,500
Peroxisomal Biogenesis Disorders Panel	12 Genes	81479	$2,500
Primary Ciliary Dyskinesia and Cystic Fibrosis Panel	42 Genes	81443	$3,000
Pulmonary Arterial Hypertension Panel	22 Genes	81443	$3,000
RASopathy Panel	23 Genes	81442	$3,000
Retinitis Pigmentosa Panel	92 Genes	81434	$3,500
Rett/Angelman Syndrome Panel	21 Genes	81443	$3,000
Rhabdomyolysis and Metabolic Myopathies Panel	47 Genes	81443	$3,000
Skeletal Dysplasia Panel	11 Genes	81479	$2,500
Surfactant Dysfunction and Respiratory Distress in Premature Infants Panel	11 Genes	81479	$2,500
Syndromic Autism Panel	83 Genes	81443	$3,500
Tuberous Sclerosis Complex Panel	2 Genes	81479	$2,000
Vascular Malformations Panel	21 Genes	81443	$3,000
X-Linked Intellectual Disability (XLID) Panel	114 Genes	81470	$3,500

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Sanger Sequencing Tests	Genes	CPT Code	Price
3-Methylcrotonylglycinuria I/II	*MCCC1/MCCC2*	81406x2	$2,000
Aarskog syndrome	*FGD1*	81479	$1,500
Acid Sphingomyelinase Deficiency (ASMD)	*SMPD1*	81479	$800
Adrenoleukodystrophy, X-Linked	*ABCD1*	81405	$1,000
Alpha-mannosidosis	*MAN2B1*	81479	$1,500
Angelman Syndrome	*UBE3A*	81406	$1,500
ARX-Related Spectrum of X-Linked Intellectual Disability XLID	*ARX*	81404	$1,000
Aspartylglucosaminuria	*AGA*	81479	$1,000
Beckwith-Wiedemann Syndrome	*CDKN1C*	81479	$500
Beta-mannosidosis	*MANBA*	81479	$1,000
Biotinidase Deficiency	*BTD*	81404	$1,000
Carnitine Palmitoyltransferase IA Deficiency	*CPT1A*	81406	$1,500
Carnitine Palmitoyltransferase II Deficiency	*CPT2*	81404	$1,000
Central Hypoventilation Syndrome	*PHOX2B*	81404	$650
CHD7-Related Disorders	*CHD7*	81407	$1,500
Citrullinemia, Type 1	*ASS1*	81406	$1,500
Coffin-Lowry Syndrome	*RPS6KA3*	81479	$1,500
Connexin 26	*GJB2*	81252	$500
Copper Transport Disorders	*ATP7A*	81479	$1,500
Creatine Transporter Deficiency	*SLC6A8*	81479	$1,500
Cystic Fibrosis	*CFTR*	81223	$1,500
Fabry Disease	*GLA*	81405	$1,000
FGFR2- Related Disorders	*FGFR2*	81479	$1,200
Fucosidosis	*FUCA1*	81479	$1,000
Galactosemia	*GALT*	81406	$1,000
Galactosialidosis	*CTSA*	81479	$1,200
Gaucher Disease	*GBA*	81479	$1,000
Glutaric Acidemia, Type I	*GCDH*	81406	$1,000
GM1 Gangliosidosis/Morquio Syndrome B (MPS IVB)	*GLB1*	81479	$1,200
Hunter Syndrome (MPS II)	*IDS*	81405	$1,000
Hurler Syndrome (MPS I)	*IDUA*	81406	$1,000
Kabuki Syndrome	*KMT2D*	81479	$1,500
Kabuki Syndrome 2	*KDM6A*	81479	$1,500
Krabbe Disease	*GALC*	81406	$1,000
Marfan Syndrome	*FBN1*	81408	$1,500
Maroteaux-Lamy Syndrome (MPS VI)	*ARSB*	81479	$800
Medium-chain acyl-CoA Dehydrogenase (MCAD) Deficiency	*ACADM*	81479	$1,000
Metachromatic Leukodystrophy	*ARSA*	81405	$1,000
Morquio Syndrome A (MPS IVA)	*GALNS*	81479	$1,000
Mucolipidosis II & III Alpha/Beta	*GNPTAB*	81479	$1,500
Mucolipidosis III Gamma	*GNPTG*	81479	$1,000
Myotubular Myopathy, X-Linked	*MTM1*	81406	$1,500
Neuronal Ceroid Lipofuscinosis Type 1 (CLN1)	*PPT1*	81479	$800
Neuronal Ceroid Lipofuscinosis Type 2 (CLN2)	*TPP1*	81479	$1,000
Ornithine Transcarbamylase Deficiency	*OTC*	81405	$1,000
Pelizaeus-Merzbacher Disease, Spastic Paraplegia	*PLP1*	81405	$700
Phenylketonuria	*PAH*	81406	$1,000
Pompe Disease, Glycogen Storage Disease Type II	*GAA*	81406	$1,000
Primary Carnitine Deficiency, Systemic	*SLC22A5*	81405	$1,000
PTEN-Related Disorders	*PTEN*	81321	$1,200
PTPN11- Related Disorders	*PTPN11*	81406	$1,000
Rett Syndrome	*MECP2*	81302	$900

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Sanger Sequencing Tests Cont.	Genes	CPT Code	Price
Saethre-Chotzen Syndrome	*TWIST1*	81404	$350
Sandhoff Disease	*HEXB*	81479	$900
Sanfilippo Syndrome A (MPS IIIA)	*SGSH*	81479	$1,000
Sanfilippo Syndrome B (MPS IIIB)	*NAGLU*	81479	$1,200
Sanfilippo Syndrome C (MPS IIIC)	*HGSNAT*	81479	$1,500
Sanfilippo syndrome D (MPS IIID)	*GNS*	81479	$1,000
Short-Chain Acyl-CoA Dehydrogenase Deficiency	*ACADS*	81405	$1,000
Sialidosis	*NEU1*	81479	$800
Sly Syndrome (MPS VII)	*GUSB*	81479	$1,000
Sotos Syndrome	*NSD1*	81406	$1,500
Spinal Muscular Atrophy	*SMN1*	81336	$1,000
STRC-Related Disorders	*STRC*	81479	$1,000
Tay – Sachs Disease	*HEXA*	81406	$1,000
TP63-Related Disorders	*TP63*	81479	$1,200
Very Long Chain Fatty Acid Deficiency	*ACADVL*	81406	$1,500
X-Linked Hydrocephalus	*L1CAM*	81407	$1,500

Deletion/Duplication	Genes	CPT Code	Price
Acid Sphingomyelinase Deficiency (Xon array)	*SMPD1*	81479	$700
Adrenoleukodystrophy, X-linked (Xon array)	*ABCD1*	81479	$700
Aspartylglucosaminuria (Xon array)	*AGA*	81479	$700
Beckwith-Wiedemann Syndrome (MS-MLPA)	*CDKN1C*	81401	$600
Biotinidase Deficiency (Xon array)	*BTD*	81479	$700
Carnitine Palmitoyltransferase IA Deficiency (Xon array)	*CPT1A*	81479	$700
Carnitine Palmitoyltransferase II Deficiency (Xon array)	*CPT2*	81479	$700
Charcot-Marie-Tooth Disease Type 1A (MLPA)	*PMP22*	81324	$500
Citrullinemia, Type 1 (Xon array)	*ASS1*	81479	$700
Cystic Fibrosis (Xon array)	*CFTR*	81222	$700
Duchenne/Becker Muscular Dystrophy (MLPA)	*DMD*	81161	$500
Fabry Disease (Xon array)	*GLA*	81479	$700
Familial Hypercholesterolemia (MLPA)	*LDLR*	81405	$500
Gaucher Disease (Xon array)	*GBA*	81479	$700
Galactosemia (Xon array)	*GALT*	81479	$700
Hunter Syndrome (MPS II) (MLPA)	*IDS*	81479	$500
Hurler Syndrome (MPS I) (Xon array)	*IDUA*	81479	$700
Krabbe Disease (Xon array)	*GALC*	81479	$700
Medium-chain acyl-CoA Dehydrogenase (MCAD) Deficiency (Xon array)	*ACADM*	81479	$700
Pelizaeus-Merzbacher Disease, Spastic Paraplegia (MLPA)	*PLP1*	81404	$500
Phenylketonuria (Xon array)	*PAH*	81479	$700
Pompe Disease, Glycogen Storage Disease Type II (MLPA)	*GAA*	81479	$500
PTEN-Related Disorders (MLPA)	*PTEN*	81323	$500
Rett Syndrome (MLPA)	*MECP2*	81304	$500
Russell-Silver Syndrome (MS-MLPA)		81401	$600
Saethre-Chotzen Syndrome (MLPA)	*TWIST1*	81403	$500
Short-Chain Acyl-CoA Dehydrogenase Deficiency (Xon array)	*ACADS*	81479	$700
Sotos Syndrome (MLPA)	*NSD1*	81405	$500
Spinal Muscular Atrophy (MLPA)	*SMN1/SMN2*	81329	$600
STRC-Related Disorders (MLPA)	*STRC*	81479	$500
Very Long Chain Fatty Acid Deficiency (Xon array)	*ACADVL*	81479	$700

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Mitochondrial Testing

Mitochondrial DNA Variant Panel		**81479**	**$1,600**
mtDNA Targeted Known Variant Analysis : Known Familial Mutation (no charge to test maternal sample of proband)		**81403**	**$350**
mtDNA Targeted Known Variant Analysis with Heteroplasmy : KnownFamilial Mutation		**81403**	**$1,000**

Methylation Analysis	Genes	CPT Code	Price
Angelman Syndrome : MS-MLPA	***UBE3A***	**81331**	**$600**
Beckwith-Wiedemann Syndrome (BWS) : MS-MLPA	***CDKN1C***	**81401**	**$600**
EpiSign Complete		**0318U**	**Contact Lab**
EpiSign Variant		**81479**	**Contact Lab**
Fragile X Syndrome : Methylation Analysis	***FMR1***	**81244**	**$530**
GNAS-Related Disorders : MS-MLPA	***GNAS***	**81479**	**$600**
Prader-Willi Syndrome : MS-MLPA		**81331**	**$600**
Russell-Silver Syndrome (RSS) : MS-MLPA		**81401**	**$600**

Trinucleotide Repeat Analysis	Genes	CPT Code	Price
Central Hypoventilation Syndrome : Polyalanine Repeat (see section below for prenatal test price)	***PHOX2B***	**81479**	**$350**
Fragile X Syndrome (see section below for prenatal test price)	***FMR1***	**81243**	**$350**
Myotonic Dystrophy (see section below for prenatal test price)	***DMPK***	**81234**	**$350**
Spinocerebellar Ataxia Type 1	***ATXN1***	**81178**	**$500**
Spinocerebellar Ataxia Type 2	***ATXN2***	**81179**	**$500**
Spinocerebellar Ataxia Type 3	***ATXN3***	**81180**	**$500**
Spinocerebellar Ataxia Type 6	***CACNA1A***	**81184**	**$500**
Spinocerebellar Ataxia Type 7	***ATXN7***	**81181**	**$500**
Spinocerebellar Ataxia Expansion Panel	***ATXN1, ATXN2, ATXN3, CACNA1A, ATXN7***	**81479**	**$1,100**

UPD		CPT Code	Price
Angelman/Prader-Willi Syndrome (see section below for prenatal test price)	**Chromosome 15**	**81402**	**$500**
Chromosome 14 UPD (see section below for prenatal test price)	**Chromosome 14**	**81402**	**$500**
Russel-Silver Syndrome (RSS) (see section below for prenatal test price)	**Chromosome 7**	**81402**	**$500**

Targeted Analysis (no charge to test parents of proband)	Genes	CPT Code	Price
Achondroplasia	***FGFR3***	**81403**	**$350**
Aminoglycoside-Induced Hearing Loss	***MT-RNR1***	**81401**	**$350**
Beare-Stevenson with Cutis Gyrata	***FGFR2***	**81404**	**$500**
Connexin 26	***GJB2***	**81253**	**$350**
Crouzon with Acanthosis Nigricans	***FGFR3***	**81403**	**$350**
Cystic Fibrosis	***CFTR***	**81221**	**$350**
Factor V Leiden Thrombophilia	***F5***	**81241**	**$150**
FGFR2- Related Disorders	***FGFR2***	**81404**	**$500**
Hypochondroplasia	***FGFR3***	**81403**	**$350**
Non-Syndromic Craniosynostosis (also Muenke)	***FGFR3***	**81403**	**$350**
Prothrombin 20210A	***F2***	**81240**	**$150**
PTEN-Related Disorders	***PTEN***	**81322**	**$350**
Rett Syndrome	***MECP2***	**81303**	**$350**
Spinal Muscular Atrophy	***SMN1***	**81337**	**$350**
Thanatophoric Dysplasia Type I	***FGFR3***	**81404**	**$500**
Thanatophoric Dysplasia Type II	***FGFR3***	**81403**	**$350**
Known Familial Mutation	***All Genes***	**81403**	**$350**

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Prenatal Testing This is not a comprehensive list of available prenatal testing. Please contact lab for more information regarding prenatal samples.	Genes	CPT Code	Price
Achondroplasia	*FGFR3*	81403	$1,000
Beckwith-Wiedemann (MS-MLPA)	*CDKN1C*	81401	$1,000
Duchenne Muscular Dystrophy : Deletion/Duplication MLPA	*DMD*	81161	$1,000
Fragile X : Trinucleotide Repeat Analysis	*FMR1*	81243	$1,000
Maternal Cell Contamination (MCC) (Required for all prenatal testing)		81265	$350
Myotonic Dystrophy : Trinucleotide Repeat Analysis	*DMPK*	81234	$1,000
Prenatal Exome Sequencing, Duo Analysis		81415, 81416	Contact Lab
Prenatal Exome Sequencing, Trio Analysis		81415, 81416x2	Contact Lab
Spinal Muscular Atrophy : Deletion/Duplication MLPA	*SMN1/SMN2*	81329	$1,000
Targeted Analysis : Known Familial Mutation		81403	$1,000
Thanatophoric Dysplasia Type I & II	*FGFR3*	81403, 81404	$1,000
UPD (Chromosomes 7, 14, 15)		81402	$1,000

Focused Next Generation Sequencing		CPT Code	Price
Focused NGS	Single Gene	Contact Lab	$1,500
Focused NGS	2-5 Genes	81479	$2,000
Focused NGS	6-15 Genes	81479	$2,500
Focused NGS	16-60 Genes	81443	$3,000

Whole Exome Sequencing		CPT Code	Price
Whole Exome Sequencing, Singleton Analysis		81415	Contact Lab
Whole Exome Sequencing, Duo Analysis		81415, 81416	Contact Lab
Whole Exome Sequencing, Trio Analysis		81415, 81416x2	Contact Lab
Whole Exome Sequencing Reanalysis		81417	Contact Lab

X-Inactivation Studies		CPT Code	Price
X-Inactivation Studies		81204	$350

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Individual Enzyme Analysis	Enzymes	CPT Code	Price
Acid Sphingomyelinase Deficiency (ASMD)	Acid sphingomyelinase	82657	$200
Alpha-mannosidosis	α-mannosidase	82657	$200
Aspartylglucosaminuria	Aspartyglucosaminidase	82657	$200
Beta-mannosidosis	β-mannosidase	82657	$200
Biotinidase Deficiency	Biotinidase	82261	$200
Fabry Disease	α-galactosidase	82657	$200
Fucosidosis	α-fucosidase	82657	$200
GM1 Gangliosidosis/Morquio Syndrome B (MPS IVB)	β-galactosidase	82657	$200
Gaucher Disease	β-glucosidase	82963	$200
Gaucher Disease	Chitotriosidase	82657	$200
Hunter Syndrome (MPS II)	iduronate-2-sulfatase	82657	$200
Hurler Syndrome (MPS I)	α-iduronidase	82657	$200
Krabbe Disease	Galactocerebrosidase	82657	$200
Maroteaux-Lamy Syndrome (MPS VI)	Arylsulfatase B	82657	$200
Metachromatic Leukodystrophy	Arylsulfatase A	82657	$200
Morquio Syndrome A (MPS IVA)	N-acetyl-galactosamine-6-sulfatase	82657	$200
Neuronal Ceroid Lipofuscinosis 1 (CLN1)	Palmitoyl-protein thioesterase 1	82657	$200
Neuronal Ceroid Lipofuscinosis 2 (CLN2)	Tripeptidyl peptidase 1	82657	$200
Pompe Disease, Glycogen Storage Disease Type II	α-glucosidase	82657	$200
Sanfilippo Syndrome A (MPS IIIA)	Heparan-N-sulfatase	82657	$200
Sanfilippo Syndrome B (MPS IIIB)	N-acetyl-alpha-D-glucosaminidase	82657	$200
Sanfilippo Syndrome C (MPS IIIC)	Acetyl CoA : glucosamine N acetyl transferase	82657	$200
Sanfilippo Syndrome D (MPS IIID)	N-acetyl glucosamine-6-sulfatase	82657	$200
Schindler/Kanzaki Disease	N-acetyl-alpha galactosaminidase	82657	$200
Sialidosis	α-neuraminidase-sialidase	82657	$200
Sly Syndrome (MPS VII)	β-glucuronidase	82657	$200
Tay-Sachs/Sandhoff Disease	β-hexosaminidase	83080	$200

Enzyme Panels	Enzymes	CPT Code	Price
Hydrops : Enzyme Panel	α-neuraminidase/sialidase, β-galactosidase, β-glucosidase, β-glucuronidase	82657x4	$800
Lysosomal Storage Disease : Enzyme Panel	Acid sphingomyelinase, α-fucosidase, α-galactosidase, α-iduronidase, α-mannosidase, Arylsulfatase A, Aspartyglucosaminidase, β-galactosidase, β-glucosidase, β-hexosaminidase, β-mannosidase, Galactocerebrosidase, N-acetyl-α-galactosaminidase	82657x5	$1,000
Lysosomal Storage Disease : Enzyme Panel (DBS)	α-1,4-glucosidase, α-fucosidase, α-galactosidase, α-mannosidase, Acid sphingomyelinase, Aspartyglucosaminidase, β-galactosidase, β-glucosidase, β-mannosidase, Galactocerebrosidase, N-acetyl-α-galactosaminidase, Tripeptidyl-peptidase 1	82657x4	$800
Morquio Syndrome (MPS IV) : Enzyme Panel	β-galactosidase, N-acetyl-galactosamine-6-sulfatase	82657x2	$400
Mucolipidosis II/III Screen (DBS)	Acid sphingomyelinase, α-iduronidase, α-mannosidase, β-glucosidase	82657x2	$400
Mucolipidosis II/III Screen, Plasma	α-fucosidase, β-glucuronidase, Hexosaminidase	82657x2	$400
Mucopolysaccharidosis (MPS) : Enzyme Panel	α-iduronidase, Acetyl CoA: glucosamine N acetyl transferase, Arylsulfatase B, β-galactosidase, β-glucuronidase, Heparan-N-sulfatase, Iduronate-2-sulfatase, N-acetyl glucosamine-6-sulfatase, N-acetyl-alpha-D-glucosaminidase, N-acetyl-galactosamine-6-sulfatase	82657x5	$1,000

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Enzyme Panels Cont.	Enzymes	CPT Codes	Price
Mucopolysaccharidosis (MPS) : Enzyme Panel (DBS)	α-iduronidase, Iduronate-2-sulfatase, N-acetyl-alpha-galactosaminidase, N-acetyl glucosamine-6-sulfatase, β-galactosidase, Arylsulfatase B, β-glucuronidase	82657x4	$800
Multiple Sulfatase Deficiency : Enzyme Panel	Arylsulfatase B, Iduronate-2-sulfatase, N-acetyl-galactosamine-6-sulfatase	82657x2	$400
Neurological (Sphingolipidoses) : Enzyme Panel	α-galactosidase, Acid sphingomyelinase, Arylsulfatase A, β-galactosidase, β-glucosidase, β-hexosaminidase, Galactocerebrosidase, Palmitoyl-protein thioesterase 2, Tripeptidyl peptidase 1	82657x3	$600
Oligosaccharidoses : Enzyme Panel	α-fucosidase, α-mannosidase, α-neuraminidase-sialidase, Aspartyglucosaminidase, β-galactosidase, β-mannosidase, N-acetyl alpha galactosaminidase	82657x3	$600
Sanfilippo Syndrome (MPS III) : Enzyme Panel	Acetyl CoA: glucosamine N acetyl transferase, Heparan-N-sulfatase, N-acetyl glucosamine-6-sulfatase, N-acetyl-alpha-D-glucosaminidase	82657x4	$800

Biomarker/Monitoring Tests		CPT Code	Price
Alpha-mannosidosis : Serum Monitoring	Oligosaccharide	84379	$300
Gaucher Disease : Plasma Monitoring	Chitotriosidase	82657	$200
Hurler/Hunter Syndrome (MPS I/II) : Urine Monitoring	Total GAGs, DS, HS	83864x2	$300
Krabbe Disease	Psychosine	82542	$200
Maroteaux-Lamy Syndrome (MPS VI) : Urine Monitoring	Total GAGs, DS	83864x2	$300
Morquio Syndrome (MPS IV) : Urine Monitoring	Total GAGs, KS, CS	83864x2	$300
Pompe Disease, Glycogen Storage Disease Type II : Urine Monitoring	Glucose Tetrasaccharide (Glc4)	82570, 83789	$202
Sanfilippo Syndrome (MPS III) : Urine Monitoring	Total GAGs, HS	83864x2	$300
Sly Syndrome (MPS VII) : Urine Monitoring	Total GAGs, DS, CS	83864x2	$300

Analyte Analysis		CPT Code	Price
Acylcarnitine Profile		82017	$200
Amino Acid Quantitative Analysis (CSF, Plasma/Serum, Urine)		82139	$270
C5-DC (Glutarylcarnitine) Analysis		82017, 82570	$242
Carnitine Analysis, Total and Free (Plasma)		82379	$120
Creatine Biosynthesis Testing : Creatine/GAA (Plasma)		82542	$200
Creatine Biosynthesis Testing : Creatine/Creatinine/GAA (Urine)		82542	$200
Creatine Transporter Deficiency : Creatine/Creatinine Analysis (Urine)		82570, 82540	$90
Galactosemia : Galactose-1-Phosphate Analysis		84378	$200
Glucose Tetrasaccharide Analysis (Urine)		82570, 83789	$202
Homocysteine Analysis		83090	$100
Mucopolysaccharide (MPS) Analysis (Urine)	Total GAGs, DS, CS, KS, HS	83864(x3)	$450
Oligosaccharide Analysis (Urine)		84377	$250
Organic Acid Analysis		83919	$231
Orotic Acid Analysis		83921	$100
Sialic Acid Analysis		84275	$200
Total Glycosaminoglycans (GAGs) Analysis		83864	$150
Tryptophan Analysis		82131	$100

Analyte Panels		CPT Code	Price
Storage Disease: Analyte Panel (urine)	Includes: Mucopolysaccharide (MPS) Urine Analysis, Oligosaccharide Urine Analysis, and Siaclic Acid Analysis. Each can be ordered separately	83864x2, 84377, 84275	$750

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Chromosome Analysis		CPT Code	Price
Chromosome Analysis (Amniotic Fluid)		88235, 88267, 88280, 88285x5, 88291	$992
Chromosome Analysis (Bone Marrow)		88237, 88264, 88280x2, 88291	$890
Chromosome Analysis (CVS)		88235, 88267, 88280, 88285x5, 88291	$992
Chromosome Analysis (POC or Solid Tissue)		88233*, 88262, 88291	$704
Chromosome Analysis, High Resolution (Blood)		88230, 88262, 88289, 88291	$794
Chromosome Analysis, High Resolution; Rule Out Mosaic (Blood)		88230, 88263, 88285x5, 88289, 88291	$947
Chromosome Analysis, Routine (Blood)		88230, 88262, 88291	$602
Chromosome Analysis, Routine; Rule Out Mosaic (Blood)		88230, 88263, 88285x5, 88291	$755
Chromosome Analysis, Routine; Short Study (Blood)		88230, 88261, 88291	$530
Chromosome Analysis, Routine; Rule Out Mosaic (Amniotic Fluid)		88235, 88267, 88280, 88285x5, 88291	$992
Chromosome Analysis, Routine; Rule Out Mosaic (POC or Solid TIssue)		88233*, 88263, 88285x5, 88291	$857
Chromosome Analysis, Routine; Short Study (Amniotic Fluid)		88235, 88261, 88280, 88291	$692
Chromosome Analysis, Routine; Short Study (CVS)		88235, 88261, 88280, 88291	$692
Chromosome Analysis, Routine; Short Study (POC or Solid Tissue)		88233* 88261, 88291	$632
Chromosome Analysis, Stimulated/Unstimulated (Blood)		88237, 88264, 88280x2, 88291	$890

*When sending multiple sample types, please use a multiplier equal to the number of samples submitted for CPT Code 88233.

Microarray Analysis		CPT Code	Price
Cytogenomic Microarray		81229	$1,950
Exon-Level Microarray : Single Gene Analysis		Contact Lab	$700
Exon-Level Microarray : 2-10 Genes		81479	$1,200
Exon-Level Microarray : More than 10 Genes		81479	$1,950
Pregnancy Loss Microarray		81229	$1,950
Prenatal Microarray		81229	$1,950
Targeted Infertility Microarray		81405	$1,000

Array Confirmation		CPT Code	Price
Targeted Deletion/Duplication Analysis (qPCR) No charge for parents if proband testing was performed at Greenwood		Contact Lab	$350

Cell Culture Only		CPT Code	Price
Cell Culture Only (Amniotic Fluid)		88235	$312
Cell Culture Only (Blood)		88230	$240
Cell Culture Only (Chorionic Villus Sampling (CVS))		88235	$312
Cell Culture Only (Solid Tissue)		88233	$342

FISH Analysis	Chromosomal Region	CPT Code	Price
Angelman Syndrome	15q11q13	88275, 88273, 88271, 88291	$584
DiGeorge/VCF	22q11.2	88275, 88273, 88271, 88291	$584
Disorders of Sexual Development Panel	Includes SRY/Xcen & X/Y dual assay probes	88230, 88275, 88271x3, 88291	$896
Disorders of Sexual Development Panel, Routine (Buccal)	Includes SRY/Xcen & X/Y dual assay probes	88275, 88271x3, 88291	$656
Disorders of Sexual Development Panel, Rule Out Mosaic	Includes SRY/Xcen & X/Y dual assay probes	88230, 88275x2, 88271x3, 88291	$1,124
Disorders of Sexual Development Panel, Rule Out Mosaic (Buccal)	Includes SRY/Xcen & X/Y dual assay probes	88275x2, 88271x3, 88291	$884
Prader-Willi Syndrome	15q11q13	88275, 88273, 88271, 88291	$584
Trisomy 13 FISH, Rule Out Mosaic (Buccal)	13	88275x2, 88271x2, 88291	$758
Trisomy 18 FISH, Rule Out Mosaic (Buccal)	18	88275x2, 88271x2, 88291	$758
Trisomy 21 FISH, Rule Out Mosaic (Buccal)	21	88275x2, 88271x2, 88291	$758
Trisomy FISH Screen (13,18,21,X,Y) (Amniotic Fluid)	13,18,21,X,Y	88235, 88275, 88271x4, 88291	$1,094
Trisomy FISH Screen (13,18,21,X,Y) (Blood)	13,18,21,X,Y	88230, 88275x2, 88271x4, 88291	$1,250
Trisomy FISH Screen (13,18,21,X,Y) (Chrorionic Villus Sampling (CVS))	13,18,21,X,Y	88235, 88275x2, 88271x4, 88291	$1,322