Greenwood Diagnostic Labs

Giving Greater Care

CPT Code and Price List

2020 CPT Codes

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

Molecular Tests

Biochemical Tests

Cytogenetic Tests

Oncology Tests

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
Autism Panel	83 Genes	81479	$3,500
Bardet-Biedl Syndrome Panel	26 Genes	81479	$3,000
Brugada Syndrome Panel	18 Genes	81479	$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	81404, 81405, 81406, 81407, 81408, 81479	$3,500
Coffin-Siris Syndrome Panel	22 Genes	81479	$3,000
Comprehensive Cardiac Panel	108 Genes	81413	$3,500
Comprehensive Pulmonary Panel	124 Genes	81479	$3,500
Cone-Rod Dystrophy Panel	37 Genes	81479	$3,000
Congenital Contractures Panel	57 Genes	81479	$3,000
Congenital Stationary Night Blindness Panel	15 Genes	81479	$2,500
Connective Tissue Disorders Panel	35 Genes	81479	$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 Congenital Panel	14 Genes	81479	$2,500
Early Infantile Epileptic Encephalopathy Panel	86 Genes	81404x2, 81405x2, 81406x2, 81407, 81479	$3,500
Epilepsy/Seizure Panel	165 Genes	81479	$3,500
Familial Hypercholesterolemia Panel	4 Genes	81406(x2), 81407, 81479	$2,000
Hearing Loss Panel	91 Genes	81430	$3,500
Hereditary Spastic Paraplegia Panel	79 Genes	81479	$3,500
Hermansky-Pudlak Syndrome & Pulmonary Fibrosis Panel	40 Genes	81479	$3,000
Hydrops, Non-immune Panel	87 Genes	81479	$3,500
Hypertrophic Cardiomyopathy Panel	24 Genes	81439	$3,000
Kallmann Syndrome & Hypogonadotrophic Hypogonadism Panel	39 Genes	81479	$3,000
Leber Congenital Amaurosis Panel	24 Genes	81404x2, 81405, 81406x2, 81407, 81479	$3,000
Long QT Syndrome Panel	18 Genes	81413	$3,000
Lysosomal Storage Disorder Panel	75 Genes	81479	$3,500
Macular Degeneration Panel	24 Genes	81479	$3,000
Maturity-onset Diabetes of the Young Panel (MODY), or Familial Hyperinsulinism Panel	14 Genes	81404, 81405, 81406, 81407, 81479	$2,500
Mitochondrial Depletion Panel	23 Genes	81479	$3,000
Neuromuscular Disorders Panel	144 Genes	81479	$3,500
Neuronal Ceroid Lipofuscinoses Panel	9 Genes	81479	$2,500
Ocular Albinism & Hermansky-Pudlak Syndrome Panel	18 Genes	81479	$3,000
Optic Atrophy and Early Glaucoma Panel	34 Genes	81479	$3,000
Overgrowth/Macrocephaly Panel	16 Genes	81479	$3,000
Periodioc Fever Panel	14 Genes	81404, 81479	$2,500
Peroxisomal Biogenesis Disorders Panel	12 Genes	81479	$2,500
Primary Ciliary Dyskinesia and Cystic Fibrosis Panel	42 Genes	81479	$3,000
Pulmonary Arterial Hypertension Panel	22 Genes	81479	$3,000
RASopathy Panel	23 Genes	81442	$3,000
Retinitis Pigmentosa Panel	92 Genes	81434	$3,500
Rett/Angelman Syndrome Panel	21 Genes	81479	$3,000
Rhabdomyolysis and Metabolic Myopathies Panel	47 Genes	81479	$3,000
Skeletal Dysplasia Panel	11 Genes	81479	$2,500
Surfactant Dysfunction and Respiratory Distress in Premature Infants Panel	11 Genes	81479	$2,500
Tuberous Sclerosis Complex Panel	2 Genes	81406, 81407	$2,000
Vascular Malformations Panel	21 Genes	81479	$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	$1,000
Aarskog syndrome	***FGD1***	81479	$1,500
Adrenoleukodystrophy, X-linked	***ABCD1***	81405	$1,000
Alpha-Mannosidosis	***MAN2B1***	81479	$1,500
Alpha-thalassemia X-Linked Intellectual Disability XLID	***ATR-X***	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
Borjeson-Forssman-Lehmann syndrome	***PHF6***	81479	$1,000
Carnitine Palmitoyltransferase IA Deficiency	***CPT1A***	81406	$1,500
Carnitine Palmitoyltransferase II Deficiency	***CPT2***	81404	$1,000
CASK-related X-Linked Intellectual Disability (XLID)	***CASK***	81479	$1,500
CHD7-related disorders	***CHD7***	81407	$1,500
Citrullinemia, Type 1	***ASS1***	81406	$1,500
Coffin-Lowry syndrome	***RPS6KA3***	81479	$1,500
Congenital Disorder of Glycosylation 1a	***PMM2***	81479	$1,000
Congenital Disorder of Glycosylation 1b	***MPI***	81405	$1,000
Congenital Disorder of Glycosylation 1c	***ALG6***	81479	$1,000
Connexin 26	***GJB2***	81252	$500
Copper Transport Disorders	***ATP7A***	81479	$1,500
Cornelia de Lange Syndrome	***NIPBL***	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
FLNA-Related Disorders	***FLNA***	81479	$1,500
Fucosidosis	***FUCA1***	81479	$1,000
Galactosemia	***GALT***	81406	$1,000
Galactosialidosis	***CTSA***	81479	$1,200
Gaucher Disease	***GBA***	81479	$1,000
GLI3-Related Disorders	***GLI3***	81479	$1,500
Glutaric Acidemia, Type I	***GCDH***	81406	$1,000
Glycogen Storage Disease, Type 0	***GYS2***	81479	$1,200
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
Medium-chain acyl-CoA dehydrogenase (MCAD) Deficiency	***ACADM***	81479	$1,000
Metachromatic Leukodystrophy	***ARSA***	81405	$1,000
Mucolipidosis II & III Alpha/Beta	***GNPTAB***	81479	$1,500
Mucolipidosis III Gamma	***GNPTG***	81479	$1,000
MPS I, Hurler Syndrome	***IDUA***	81406	$1,000
MPS II, Hunter Syndrome	***IDS***	81405	$1,000
MPS IIIA, Sanfilippo Syndrome A	***SGSH***	81479	$1,000
MPS IIIB, Sanfilippo Syndrome B	***NAGLU***	81479	$1,200
MPS IIIC, Sanfilippo Syndrome C	***HGSNAT***	81479	$1,500
MPS IIID, Sanfilippo syndrome D	***GNS***	81479	$1,000
MPS IVA, Morquio Syndrome A	***GALNS***	81479	$1,000

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Sanger Sequencing Tests Cont.	Genes	CPT Code	Price
MPS IVB, GM1 Gangliosidosis, Morquio Syndrome B	***GLB1***	81479	$1,200
MPS VI, Maroteaux-Lamy Syndrome	***ARSB***	81479	$800
MPS VII, Sly Syndrome	***GUSB***	81479	$1,000
Myotubular Myopathy, X-Linked	***MTM1***	81406	$1,500
Neuronal Ceroid Lipofuscinosis Type 1	***PPT1***	81479	$800
Neuronal Ceroid Lipofuscinosis Type 2	***TPP1***	81479	$1,000
Neuronal Ceroid Lipofuscinosis Type 3	***CLN3***	81479	$1,000
Niemann-Pick Disease A/B	***SMPD1***	81479	$800
Ornithine Transcarbamylase Deficiency	***OTC***	81405	$1,000
Pelizaeus-Merzbacher Disease, Spastic Paraplegia	***PLP1***	81405	$700
Phenylketonuria	***PAH***	81406	$1,000
POLG1-Related Disorders	***POLG1***	81406	$1,500
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
Saethre-Chotzen Syndrome	***TWIST1***	81404	$350
Sandhoff Disease	***HEXB***	81479	$900
Schaaf-Yang, Prader-Willi-Like Syndrome	***MAGEL2***	81403	$350
Short-Chain Acyl-CoA Dehydrogenase Deficiency	***ACADS***	81405	$1,000
Sialidosis	***NEU1***	81479	$800
Sotos Syndrome	***NSD1***	81406	$1,500
Spinal Muscular Atrophy	***SMN1***	81336	$1,000
Succinyl CoA : 3-oxoacid CoA Transferase Deficiency	***OXCT1***	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
X-Linked Opitz G/BBB Syndrome	***MID1***	81479	$1,200

Deletion/Duplication (MLPA)	Genes	CPT Code	Price
Beckwith-Wiedemann Syndrome & Russell-Silver Syndrome		81404	$600
Charcot-Marie-Tooth Disease Type 1A	***PMP22***	81324	$500
Cystic Fibrosis	***CFTR***	81222	$700
Duchenne/Becker Muscular Dystrophy	***DMD***	81161	$500
Familial Hypercholesterolemia	***LDLR***	81405	$500
MPS II, Hunter Syndrome	***IDS***	81404	$500
Pelizaeus-Merzbacher Disease, Spastic Paraplegia	***PLP1***	81404	$500
Pompe Disease, Glycogen Storage Disease Type II	***GAA***	81479	$500
PTEN-Related Disorders	***PTEN***	81323	$500
Rett Syndrome	***MECP2***	81304	$500
Saethre-Chotzen Syndrome	***TWIST1***	81403	$500
Sotos Syndrome	***NSD1***	81405	$500
Spinal Muscular Atrophy	***SMN1/SMN2***	81329	$600

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Mitochondrial Testing			
Common 29 mt DNA Variant Panel		81401x2, 81479	$1,400
Expanded 93 mtDNA Variant Panel		81401x2, 81479	$1,600
mtDNA Targeted Known Variant Analysis (no charge to test maternal sample of proband)		81403	$350
mtDNA Targeted Known Variant Analysis with Heteroplasmy (no charge to test maternal sample of proband)		81403	$1,000

Methylation Analysis		CPT Code	Price
Angelman Syndrome : Methylation Analysis		81331	$350
Prader-Willi Syndrome : Methylation Analysis		81331	$350
Beckwith-Wiedemann Syndrome (BWS) : Methylation Specific MLPA		81401	$600
EpiSign Complete		81479	$1500
EpiSign Variant		81479	$1200
Russell-Silver Syndrome (RSS): Methylation Specific MLPA		81401	$600

Trinucleotide Repeat Analysis	Genes	CPT Code	Price
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

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

Targeted Analysis (no charge to test parents of proband)	Genes	CPT Code	Price
Achondroplasia	***FGFR3***	81403	$350
Aminoglycoside-Induced Hearing Loss	***MTRNR1***	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
Hemochromatosis	***HFE***	81256	$250
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 Dyplasia Type I	***FGFR3***	81404	$500
Thanatophoric Dyplasia 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
Fragile X Trinucleotide Repeat Analysis	***FMR1***	81243	$1,000
Maternal Cell Contamination (MCC)		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		8415, 81416x2	Contact Lab
Targeted Analysis Known Familial Mutation		81403	$1,000
UPD (Chromosomes 7, 14, 15)		81402	$1,000

Focused Next Generation Sequencing		CPT Code	Price
Focused NGS-Panel (1-20 Genes)		Contact Lab	Contact Lab

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 Studes		81204	$350

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Individual Enzyme Analysis	Enzymes	CPT Code	Price
α-mannosidosis	α-mannosidase	82657	$200
Aspartylglucosaminuria	Aspartyglucosaminidase	82657	$200
β-mannosidosis	β-mannosidase	82657	$200
Biotinidase Deficiency	Biotinidase	82261	$200
Fabry Disease	α-galactosidase	82657	$200
Fucosidosis	α-fucosidase	82657	$200
Gaucher Disease	β-glucosidase	82963	$200
Gaucher Disease	Chitotriosidase	82657	$200
Krabbe Disease	Galactocerebrosidase (DBS)	82657	$200
Metachromatic Leukodystrophy	Arylsulfatase A	82657	$200
MPS I, Hurler Syndrome	α-iduronidase	82657	$200
MPS II, Hunter Syndrome	iduronate-2-sulfatase	82657	$200
MPS IIIA, Sanfilippo Syndrome A	Heparan-N-sulfatase	82657	$200
MPS IIIB, Sanfilippo Syndrome B	N-acetyl-alpha-D-glucosaminidase	82657	$200
MPS IIIC, Sanfilippo Syndrome C	Acetyl CoA : glucosamine N acetyl transferase	82657	$200
MPS IIID, Sanfilippo Syndrome D	N-acetyl glucosamine-6-sulfatase	82657	$200
MPS IVA, Morquio Syndrome A	N-acetyl-galactosamine-6-sulfatase	82657	$200
MPS IVB, GM1 Gangliosidosis, Morquio Syndrome B	β-galactosidase	82657	$200
MPS VI, Maroteaux-Lamy Syndrome	Arylsulfatase B	82657	$200
MPS VII, Sly Syndrome	β-glucuronidase	82657	$200
Neuronal Ceroid Lipofuscinosis 1 (CLN1)	Palmitoyl-protein thioesterase 1	82657	$200
Neuronal Ceroid Lipofuscinosis 2 (CLN2)	Tripeptidyl peptidase 1	82657	$200
Niemann-Pick Disease A/B	Acid sphingomyelinase (DBS)	82657	$200
Pompe Disease, Glycogen Storage Disease Type II	α-glucosidase	82657	$200
Schindler/Kanzaki Disease	N-acetyl-alpha galactosaminidase	82657	$200
Sialidosis	α-neuraminidase-sialidase	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	82657(x4)	$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	82657(x5)	$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	82657(x4)	$800
Morquio syndrome (MPS IV), Types A & B : Enzyme Panel	β-galactosidase, N-acetyl-galactosamine-6-sulfatase	82657(x2)	$400
Mucolipidosis II/III DBS Screen, Dried Blood Spot	Acid sphingomyelinase, α-iduronidase, α-mannosidase, β-glucosidase	82657(x2)	$400
Mucolipidosis II/III Screen, Plasma	α-fucosidase, β-glucuronidase, Hexosaminidase	82657(x2)	$400
Mucopolysaccharidosis (MPS) : Enzyme Panel	α-iduronidase, Acetyl CoA: glucosamine N acetyl transferase, Arylsulfatase B, β-glucuronidase, Heparan-N-sulfatase, Iduronate-2-sulfatase, N-acetyl glucosamine-6-sulfatase, N-acetyl-alpha-D-glucosaminidase, N-acetyl-galactosamine-6-sulfatase	82657(x5)	$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	82657(x4)	$800
Multiple Sulfatase Deficiency : Enzyme Panel	Arylsulfatase B, Iduronate-2-sulfatase, N-acetyl-galactosamine-6-sulfatase	82657(x2)	$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	82657(x3)	$600
Oligosaccharidoses : Enzyme Panel	α-fucosidase, α-mannosidase, α-neuraminidase-sialidase, Aspartyglucosaminidase, β-galactosidase, β-mannosidase, N-acetyl alpha galactosaminidase	82657(x3)	$600
Sanfilippo Syndrome : Enzyme Panel	Acetyl CoA: glucosamine N acetyl transferase, Heparan-N-sulfatase, N-acetyl glucosamine-6-sulfatase, N-acetyl-alpha-D-glucosaminidase	82657(x4)	$800

Biomarker/Monitoring Tests		CPT Code	Price
Gaucher Disease (Plasma)	Chitotriosidase	82657	$200
MPS I/II Urine Monitoring	Total GAGs, DS, HS	83864(x2)	$300
MPS III Urine Monitoring	Total GAGs, HS	83864(x2)	$300
MPS IV Urine Monitoring	Total GAGs, KS, CS	83864(x2)	$300
MPS VI Urine Monitoring	Total GAGs, DS	83864(x2)	$300
MPS VII Urine Monitoring	Total GAGs, DS, CS	83864(x2)	$300
Plasma GAGs	DS, CS	82864x2	$400
Pompe Disease, Glycogen Storage Disease Type II, Urine Monitoring	Glucose Tetrasaccharide (Glc4)	82570, 83789	$202

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)	82540, 82542	$148
Creatine Biosynthesis Testing : Creatine/Creatinine/GAA (Urine)	82570, 82540, 82542	$190
Creatine Transporter Deficiency : Creatine/Creatinine Analysis (Urine)	82570, 82540	$90
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	83864(x3)	$450
Oligosaccharide Urine Analysis	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
Biochemical Genetics Profile	Includes: Acylcarnitine profile, Amino acid (plasma), Carnitine Analysis, Total and Free, and Organic Acid Analysis. Each can be ordered separately	82017, 82139, 82379, 83919	$821
Storage Disease: Analyte Panel (urine)	Includes: Mucopolysaccharide (MPS) Urine Analysis, Oligosaccharide Urine Analysis, and Siaclic Acid Analysis. Each can be ordered separately	83864(x2), 84377, 84275	$750

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Chromosome Analysis		CPT Code	Price
Chromosome Analysis (Amniotic Fluid)		88235, 88267, 88280, 88285(x5), 88291	$992
Chromosome Analysis (Chorionic Villus Sampling (CVS))		88235, 88267, 88280, 88285(x5), 88291	$992
Chromosome Analysis (POC)		88233(x2), 88262, 88291	$1,046
Chromosome Analysis (Solid Tissue)		88233, 88262, 88291	$704
Chromosome Analysis, Short Study (Solid Tissue)		88233, 88261, 88280, 88291	$722 *
Chromosome Analysis, High Resolution (Blood)		88230, 88262, 88289, 88291	$794
Chromosome Analysis, High Resolution, Rule out mosaic (Blood)		88230, 88263, 88285(x5), 88289, 88291	$947
Chromosome Analysis, Routine (Blood)		88230, 88262, 88291	$602
Chromosome Analysis, Routine Short Study (Blood)		88230, 88261, 88291	$530
Chromosome Analysis, Routine Rule Out Mosaic (Blood)		88230, 88263, 88285(x5), 88291	$755
Chromosome Analysis, Rule Out Mosaic (Solid Tissue)		88233, 88263, 88285(x30), 88291	$1,457

*Additional fees may apply if more than one tissue type is submitted

Microarray Analysis		CPT Code	Price
CytoScan Xon Microarray : Single Gene Analysis		Contact Lab	$700
CytoScan Xon Microarray : 2-10 Genes		Contact Lab	$1,200
CytoScan Xon Microarray : More than 10 Genes		Contact Lab	$1,950
Pregnancy Loss Microarray		81229	$1,950
Prenatal Microarray		81229	$2,450
Targeted Infertility Microarray		81405	$1,000
Whole-Genome SNP Microarray : Cytoscan HD Microarray		81229	$1,950
X-Chromosome High Density Microarray		81229	$1,950

Array Confirmation		CPT Code	Price
Array Confirmation : Family Studies		Contact Lab	$350

Cell Culture Only		CPT Code	Price
Cell Culture Only (Solid Tissue)		88233, 88240	$522
Cell Culture Only (Amniotic Fluid)		88235, 88240	$492
Cell Culture Only (Blood)		88230	$240
Cell Culture Only (Chorionic Villus Sampling (CVS))		88235, 88240	$492

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FISH Analysis	Chromosomal Region	CPT Code	Price
Angelman Syndrome	15q11q13	88275, 88273, 88271, 88291	$584
Cri-du-Chat Syndrome	5p-	88275, 88273, 88271, 88291	$584
DiGeorge/VCF	22q11.2	88275, 88273, 88271, 88291	$584
Disorders of Sexual Development	includes SRY/Xcen & X/Y dual assay probes	88275x2, 88271x3, 88291	$934
Disorders of Sexual Development, Routine (Buccal)	includes SRY/Xcen & X/Y dual assay probes	88275, 82771x3, 88291	$656
Disorders of Sexual Development, Rule Out Mosaic (Buccal)	includes SRY/Xcen & X/Y dual assay probes	88275x2, 88271x3, 88291	$884
Kallmann Syndrome	Xp22.3	88275, 88273, 88271, 88291	$584
Miller-Dieker Syndrome	17p13	88275, 88273, 88271, 88291	$584
Prader-Willi Syndrome	15q11q13	88275, 88273, 88271, 88291	$584
Smith-Magenis Syndrome	17p11.2	88275, 88273, 88271, 88291	$584
Steroid Sulfatase Deficiency	Xp22.3	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) (Blood)	13,18,21,X,Y	88230, 88275(x2), 88271(x4), 88291	$1,074
Trisomy FISH Screen (13,18,21,X,Y) (Amniotic Fluid)	13,18,21,X,Y	88235, 88275, 88271(x4), 88291	$1,144
Trisomy FISH Screen (13,18,21,X,Y) (Chrorionic Villus Sampling (CVS))	13,18,21,X,Y	88235, 88275(x2), 88271(x4), 88291	$1,372
Williams Syndrome	7q11.23	88275, 88273, 88271, 88291	$584
Wolf-Hirschhorn Syndrome	4p-	88275, 88273, 88271, 88291	$584

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Chromosome Analysis		CPT Code	Price
Chromosome Analysis : Bone Marrow		88237, 88264, 88291, 88280(x2)	$890
Chromosome Analysis : Lymph Nodes		88237, 88264, 88291, 88280(x2)	$890
Chromosome Analysis : Stimulated/Unstimluated		88237, 88264, 88291, 88280(x2)	$890

FISH Analysis		CPT Code	Price
Acute Promyelocytic Leukemia (APL) FISH Analysis		88275, 88271x2, 88291	$580
Burkitt's Lymphoma FISH Analysis		88275, 88271x2, 88291	$530
Chronic Lymphocytic Leukemia (CLL) Panel	delp53 [ATM/p53], Trisomy 12[D13S319/LSI 13q34/CEP 12], 14q32 [IGH BA]	88275x2, 8827x7, 88291	$1,388
Chronic Myelocytic Leukemia (CML) Panel	t99:22) [BCR/ABL/9q34]	88275x2, 88271x2, 88291	$580
Chronic Myelomonocytic Leukemia (CMML) Panel	12p13[ETV6]	88275x2, 88271x2, 88291	$530
Multiple Myeloma/Plasma Cell Myeloma (PCM) Panel		88275x2, 88271x4, 88291	$1,010
Myelodysplastic States (MDS) Panel		88275x4, 88271x10, 88291	$2,222
Non-Hodgkins Lymphoma (NHL) Panel		88275x3, 88271x9, 88291	$1,868
Pediatric Acute Lymphoblastic Leukemia (P-ALL) Panel		88275x3, 88271x9, 88291	$1,868
Retinoblastoma FISH Analysis		88275x2, 88271x7, 88291	$404

Solid Tissue Molecular Studies		CPT Code	Price
Acute Lymphocytic Leukemia (ALL) Panel	8q24[C-MYC BA], 9p21[CDKN2A], t(9,22) [BCR/ABL/9q34], 11q23 (MLL) [MLL], 14q32 [IGH BA]	88275x4, 88271x10, 88291	$2,222
Acute Myelocytic Leukemia (AML) Panel	FLT3-ITD & FLT3-TKD Variant Analysis, NPM1 codon 12 Variants	88275x4, 88271x10, 88291	$2,222
Acute Myelocytic Leukemia (AML)	FLT3-ITD & FLT3-TKD Variant Analysis	81245, 81246	$500
Acute Myelocytic Leukemia (AML)	NPM1 codon 12 Variants	81310	$350

Molecular Studies, Microarrays		CPT Code	Price
Acute Lymphocytic Leukemia (ALL)	Includes genomic gains, losses, and loss of heterozygosity	81227	$1,000
Acute Myelocytic Leukemia (AML)	Includes genomic gains, losses, and loss of heterozygosity	81227	$1,000
Chronic Lymphocytic Leukemia (CLL)	Trisomy 21, RB1 deletions, TP53 deletions, & ATM deletions	81227	$1,000
Chronic Myelocytic Leukemia (CML)	Includes genomic gains, losses, and loss of heterozygosity for cytogenetically normal CML	81227	$1,000
OncoScan Microarray Comprehensive Analysis	any FFPE tumor tissue	81227	$1,950