



## Genetic Tests and Laboratory Matrix

The matrix below contains all the genetic tests which Evolent manages. This matrix is designed to assist in determining if a genetic test requires authorization through Evolent. Genetic tests are grouped by category and include the test name, the laboratory that performs the test, and the genetic testing unit (GTU). The GTU is a unique identifier created by Concert Genetics for each genetic test. To learn more about the GTU, please visit [Concert Genetics' website](#).

As Evolent systems are continually updated, a new matrix will be posted to RadMD the first of every month. To find the most current CPT codes please visit [Concert Genetics' Portal](#).

Prior authorization is not a guarantee of payment. Authorizations are based on medical necessity and are contingent upon member eligibility at the time services are rendered.

### Table of Contents

Table of Contents .....	1
Genetic Tests and Laboratory Matrix.....	4
Arrhythmia Panel Tests .....	4
Autism Spectrum Disorder/Intellectual Disability Panel Tests <sup>1</sup> .....	6
Bladder Cancer Diagnostic and Recurrence Algorithmic Tests <sup>1</sup> .....	7
Blood-based Post Heart Transplant Gene Expression Panels for Rejection Risk.....	8
BRCA1/2 Sequencing & Deletion/Duplication Tests.....	8
BRCA1/2 Sequencing Tests.....	9
Breast Cancer Prognostic Algorithmic Tests.....	10

Breast Cancer Treatment and Prognostic Algorithmic Tests..... 10

Cell-Free Circulating Tumor DNA Cancer Profiling Panel Tests (51 or more genes)..... 10

Cell-Free Circulating Tumor DNA Cancer Profiling Panel Tests (5-50 genes) ..... 11

Cell-Free Circulating Tumor DNA Colorectal Cancer Panel Tests ..... 11

Cell-Free Circulating Tumor DNA Lung Cancer Panel Tests ..... 11

Chromosomal Microarray (SNP and CGH) for Invasive Prenatal Tests..... 12

Chromosomal Microarray (SNP and CGH) for Pregnancy Loss Tests..... 13

Chromosomal Microarray (SNP and CGH) Tests..... 15

Colorectal Cancer Prognostic Algorithmic Tests <sup>1</sup>..... 19

Comprehensive Arrhythmia & Cardiomyopathy (Sudden Cardiac or Unexplained Death) Panel Tests..... 19

Comprehensive Cardiomyopathy Panel Tests ..... 20

Dilated Cardiomyopathy (DCM) Panel Tests..... 22

Dystonia Panel Tests..... 23

Epilepsy and Seizure Disorder Panel Tests ..... 24

Evidence-Based Lung Cancer Diagnostic Algorithmic Tests ..... 27

Exome Sequencing Tests ..... 27

Expanded Carrier Panel Tests..... 34

Genome Reanalysis Tests (Interpretation Only)..... 37

Genome Sequencing Tests ..... 38

Hematologic Malignancy Panel Tests ..... 40

Hereditary GI/Colon Cancer Panel Tests ..... 43

Hereditary Polyposis Panel Tests..... 46

Hypertrophic Cardiomyopathy (HCM) Panel Tests..... 46

Long QT Syndrome (LQTS) Panel Tests..... 47

Lung Cancer Panel Tests.....	49
Lung Cancer Treatment Algorithmic Tests .....	50
Lynch Syndrome / Hereditary Nonpolyposis Colorectal Cancer (HNPCC) Panel Tests .....	50
Mitochondrial Disease (including Nuclear Genes) Panel Tests .....	52
Mitochondrial DNA (mtDNA) Sequencing Panel Tests .....	54
Pan-Cancer Hereditary Cancer Panel Tests .....	55
Pharmacogenetic Neuropsychiatric Panel Tests <sup>1</sup> .....	59
Prostate Cancer Prognostic Algorithmic Tests .....	60
Rapid Genome Sequencing Tests .....	60
Thyroid Cancer Diagnostic Algorithmic Tests .....	61
TPMT and NUDT15 Typing Tests .....	61
Tumor Specific BCR/ABL Quantitation and Breakpoint Analysis Tests.....	62
Tumor-Type Agnostic Solid Tumor Molecular Profiling Panel Tests (51 or more genes) .....	64
Tumor-Type Agnostic Solid Tumor Molecular Profiling Panel Tests (5-50 genes).....	67
Tumor-Type Agnostic Molecular Profiling Panels Tests with IHC and Cytogenetic Analyses .....	67
Uveal Melanoma Prognostic Algorithmic Tests.....	68
X-Linked Intellectual Disability Panel Tests <sup>1</sup> .....	68

## Genetic Tests and Laboratory Matrix

### Arrhythmia Panel Tests

GTU	Test Name	Laboratory Name
7XHCG	Arrhythmia Comprehensive Panel	Nationwide Children's Hospital - Cytogenetics and Molecular Genetics Laboratory
7VA6G	Arrhythmia NGS Panel	AiLife Diagnostics
7VA7G	Arrhythmia NGS Panel Rapid	AiLife Diagnostics
6L93G	Arrhythmia Panel	GeneDx
7DMRG	Arrhythmia Panel	Washington University in St. Louis Genomics and Pathology Services
76V3G	Atrial Fibrillation (A Fib) Panel	Cincinnati Children's Hospital Medical Center - Molecular Genetics and Cytogenetics Laboratories
782SG	Atrial fibrillation NGS Panel	Connective Tissue Gene Tests
4JR5G	Atrial Fibrillation NGS Panel (Deletion/Duplication Only)	Fulgent Genetics
77VHG	Atrial Fibrillation NGS Panel (Sequencing & Deletion/Duplication)	Fulgent Genetics
76WLG	Atrial Fibrillation NGS Panel (Sequencing Only)	Fulgent Genetics
782TG	Atrial fibrillation NGS Panel Next Generation Sequencing	Connective Tissue Gene Tests
6MEFG	Atrioventricular block NGS Panel	Connective Tissue Gene Tests
6KDGG	Atrioventricular block NGS Panel Deletion / Duplication	Connective Tissue Gene Tests
6ME7G	Atrioventricular block NGS Panel Next Generation Sequencing	Connective Tissue Gene Tests
5TZFG	Cardiac Arrhythmia Panel	Northwest Clinical Genomics Lab
6MEDG	Cardiac channelopathy NGS Panel	Connective Tissue Gene Tests
6MALG	Cardiac channelopathy NGS Panel Deletion / Duplication	Connective Tissue Gene Tests
6MECG	Cardiac channelopathy NGS Panel Next Generation Sequencing	Connective Tissue Gene Tests
53VJG	Comp Arrhythmia Panel	Johns Hopkins Medical Institutions - Pathology Laboratory
7SCDG	Comprehensive Arrhythmia Gene Panel, Varies	Mayo Clinic Laboratories
2QALG	Comprehensive Arrhythmia NGS Panel (Deletion/Duplication Only)	Fulgent Genetics
25DJG	Comprehensive Arrhythmia NGS Panel (Sequencing & Deletion/Duplication)	Fulgent Genetics
3EQZG	Comprehensive Arrhythmia NGS Panel (Sequencing Only)	Fulgent Genetics

<b>GTU</b>	<b>Test Name</b>	<b>Laboratory Name</b>
<b>33XQG</b>	Comprehensive Arrhythmia Panel	Cincinnati Children's Hospital Medical Center - Molecular Genetics and Cytogenetics Laboratories
<b>2Y7CG</b>	Comprehensive Arrhythmia Panel	PerkinElmer Genomics
<b>2LNNG</b>	Comprehensive Arrhythmias Panel	Knight Molecular Diagnostic
<b>5C8DG</b>	Comprehensive Cardiac Arrhythmia Panel	PreventionGenetics, part of Exact Sciences
<b>52PAG</b>	Familial Atrial Fibrillation – FAF (14 genes) Deletion/Duplication Panel	Baylor College of Medicine - John Welsh Cardiovascular Diagnostic Laboratory
<b>2FPEG</b>	Familial Atrial Fibrillation – FAF (14 genes) NGS + Sanger fill-in Panel	Baylor College of Medicine - John Welsh Cardiovascular Diagnostic Laboratory
<b>3BQFG</b>	Familial Atrial Fibrillation – FAF (14 genes) NGS Panel	Baylor College of Medicine - John Welsh Cardiovascular Diagnostic Laboratory
<b>3LMAG</b>	Familial Atrial Fibrillation (FAF) Panel Sequencing	Indiana University Molecular Genetics Diagnostic Laboratory - Indiana University Medical Center, School of Medicine
<b>78FYG</b>	Familial Atrial Fibrillation Syndrome Panel	PreventionGenetics, part of Exact Sciences
<b>4ZNAG</b>	GeneSeq Cardio Familial Arrhythmia Panel	LabCorp
<b>4ZP3G</b>	GeneSeq : Cardio-Familial Arrhythmia Profile	Integrated Genetics
<b>2BXYG</b>	Hereditary Cardiac Arrhythmia (NGS Panel and Copy Number Analysis)	MNG Laboratories
<b>76Q4G</b>	Hereditary Ventricular Tachycardia Syndromes (NGS Panel and Copy Number Analysis)	MNG Laboratories
<b>25JTG</b>	Invitae Arrhythmia Comprehensive Panel	Invitae Corporation
<b>44YPG</b>	Invitae Arrhythmia Comprehensive Panel-Add-on Preliminary-evidence Genes for Arrhythmia	Invitae Corporation
<b>76S9G</b>	Invitae Arrhythmia Comprehensive Panel-Add-on Sudden Unexpected Death in Epilepsy (SUDEP) Genes	Invitae Corporation
<b>3E7RG</b>	Pan Arrhythmia (54 genes) Deletion/Duplication Panel	Baylor College of Medicine - John Welsh Cardiovascular Diagnostic Laboratory
<b>2FQGG</b>	Pan Arrhythmia (54 genes) NGS + Sanger fill-in Panel	Baylor College of Medicine - John Welsh Cardiovascular Diagnostic Laboratory
<b>54N6G</b>	Pan Arrhythmia (54 genes) NGS Panel	Baylor College of Medicine - John Welsh Cardiovascular Diagnostic Laboratory
<b>7UY5G</b>	Postmortem Arrhythmia Gene Panel, Tissue	Mayo Clinic Laboratories
<b>2Z2MG</b>	RhythmNext	Ambry Genetics

GTU	Test Name	Laboratory Name
58GWG	SCA Arrhythmia Panel	Johns Hopkins Medical Institutions - Pathology Laboratory
7B7BG	STAT Comprehensive Arrhythmia Panel	PerkinElmer Genomics
6DTGG	Sudden Cardiac Arrest Arrhythmia Panel	GeneDx
77GKG	Sudden Cardiac Arrest Panel	PreventionGenetics, part of Exact Sciences

### Autism Spectrum Disorder/Intellectual Disability Panel Tests <sup>1</sup>

GTU	Test Name	Laboratory Name
2FHGG	Autism NGS Panel (Deletion/Duplication Only)	Fulgent Genetics
76VUG	Autism NGS Panel (Sequencing & Deletion/Duplication)	Fulgent Genetics
78AYG	Autism NGS Panel (Sequencing Only)	Fulgent Genetics
78FSG	Autism Spectrum Disorders (ASD) Panel	PreventionGenetics, part of Exact Sciences
7BM2G	AUTISM, INTELLECTUAL DISABILITY, and DEVELOPMENTAL DELAY GENE SEQUENCING PANEL	Cincinnati Children's Hospital Medical Center - Molecular Genetics and Cytogenetics Laboratories
76QWG	AUTISM/AUTISM SPECTRUM DISORDER (53 gene panel)	Center for Human Genetics, Inc.
77KNG	Autism/ID Panel	GeneDx
78K3G	Autism/ID Xpanded Panel	GeneDx
77YKG	AutismNext <sup>®</sup>	Ambry Genetics
78FHG	Autosomal Recessive Non-Specific Intellectual Disability Panel	The University of Chicago Genetic Services
77SAG	Comprehensive Intellectual Disability / Autism (NGS Panel and Copy Number Analysis + mtDNA + Fragile X Repeat Expansion and Methylation)	MNG Laboratories
77AUG	Comprehensive Intellectual Disability / Autism (NGS Panel and Copy Number Analysis + mtDNA)	MNG Laboratories
787KG	Focused Autism and Intellectual Disability Panel	PerkinElmer Genomics
76YDG	Inherited Glycosylphosphatidylinositol Biosynthesis Defects (IGDs) Panel	PreventionGenetics, part of Exact Sciences
5FW2G	Intellectual Disability Exome	The University of Chicago Genetic Services
5DPWG	Intellectual Disability NGS Panel (Deletion/Duplication Only)	Fulgent Genetics
78F2G	Intellectual Disability NGS Panel (Sequencing & Deletion/Duplication)	Fulgent Genetics
77GSG	Intellectual Disability NGS Panel (Sequencing Only)	Fulgent Genetics

GTU	Test Name	Laboratory Name
79Q6G	Intellectual disability panel - NGS Panel (CNV included)	Centogene
775YG	Intellectual Disability, Epilepsy, and Autism (IDEA) Panel - Family - Duo (IDEA panel of patient + 1 additional family members)	PreventionGenetics, part of Exact Sciences
783YG	Intellectual Disability, Epilepsy, and Autism (IDEA) Panel - Family - Trio (IDEA panel of patient + 2 additional family members)	PreventionGenetics, part of Exact Sciences
77KFG	Intellectual Disability, Epilepsy, and Autism (IDEA) Panel - Patient Only	PreventionGenetics, part of Exact Sciences
7CFRG	Invitae Neurodevelopmental Disorders (NDD) Panel	Invitae Corporation
77HZG	NeurodevelopmentNext™	Ambry Genetics
77H2G	Non-Specific Intellectual Disability Panel	The University of Chicago Genetic Services
76UQG	Nonsyndromic Intellectual Disability (NGS Panel and Copy Number Analysis)	MNG Laboratories
7BYUG	PGmax™ - Intellectual Disability, Epilepsy, and Autism (IDEA) Panel	PreventionGenetics, part of Exact Sciences
7768G	PGXome Custom - Intellectual Disability, Autosomal Dominant	PreventionGenetics, part of Exact Sciences
77XDG	PGXome Custom - Intellectual Disability, Autosomal Recessive	PreventionGenetics, part of Exact Sciences
7B62G	STAT Focused Autism and Intellectual Disability Panel	PerkinElmer Genomics
77EPG	Syndromic Autism NGS Panel	Greenwood Genetic Center - Molecular Diagnostic Laboratory
77SFG	Syndromic Intellectual Disability (NGS Panel and Copy Number Analysis)	MNG Laboratories
78FXG	Top 99 Genetic Causes of Developmental Delay Panel	PreventionGenetics, part of Exact Sciences

### Bladder Cancer Diagnostic and Recurrence Algorithmic Tests <sup>1</sup>

GTU	Test Name	Laboratory Name
7VLUG	Cxbladder Detect	Pacific Edge
73PCG	Cxbladder Detect	Pacific Edge
6W4EG	Cxbladder Monitor	Pacific Edge
72KHG	Cxbladder Triage	Pacific Edge
7BN4G	Decipher® Bladder Genomic Test	Veracyte

## Blood-based Post Heart Transplant Gene Expression Panels for Rejection Risk

GTU	Test Name	Laboratory Name
74CFG	AlloMap Heart	Allina Health Laboratory
525DG	AlloMap Heart	CareDx, Inc.

## BRCA1/2 Sequencing & Deletion/Duplication Tests

GTU	Test Name	Laboratory Name
7SYQG	BRAC ANALYSIS,COMPREHENSIVE	University of California Davis Health System - UCDMC - Molecular and Cytogenetic Laboratory
6RPGG	BRACAnalysis CDx	Myriad Genetics
2FFUG	BRCA AVANTAGE,COMPREHENSIVE	Empire City Laboratories, Inc.
3GPZG	BRCA Comprehensive (BRCA 1 and BRCA 2 Seq & Del/Dup Analysis)	Genetics Center - Molecular and Cytogenetic Diagnostic Laboratories
26REG	BRCA Panel (BRCA1, BRCA2)	Palo Verde Laboratory - division of Sonora Quest Lab
2E63G	BRCA Panel (BRCA1, BRCA2)	Quest Diagnostics
7V2JG	BRCA1 & BRCA2 Panel	Baylor Genetics, LLC
55MGG	BRCA1 AND BRCA2 ANALYSIS (SEQUENCING & MLPA FOR BOTH GENES)	Center for Human Genetics, Inc.
5BRJG	BRCA1 and BRCA2 Focus (Sequencing & Deletion/Duplication)	Fulgent Genetics
6U9AG	BRCA1 and BRCA2 Focus Panel (Germline)	NeoGenomics Laboratories
7U27G	BRCA1 and BRCA2 Sequencing and Del/Dup (NGS)	University of Michigan - Michigan Medical Genetics Laboratories
2ELCG	BRCA1 and BRCA2 Sequencing and Deletion/Duplication	Knight Molecular Diagnostic
7QGJG	BRCA1 AND BRCA2, COMPREHENSIVE	Clinical Pathology Laboratories
6UQAG	BRCA1 and BRCA2-Associated HBOC Syndrome Panel, Sequencing and Deletion/Duplication	ARUP Laboratories
6LTEG	BRCA1&2 Analysis	University of Washington Medical Center - Laboratory Medicine-Genetics Laboratory
79AHG	BRCA1, BRCA2 panel Combi (with MLPA) - NGS Panel (MLPA included)	Centogene
79AJG	BRCA1, BRCA2 panel Plus - NGS Panel (CNV included)	Centogene
2YYZG	BRCA1/2 seq and del/dup	Ambry Genetics



GTU	Test Name	Laboratory Name
4RLXG	BRCA1/2 Sequencing and Del/Dup Analysis	BioReference Laboratories
6DTQG	BRCA1/2 Sequencing and Del/Dup Analysis	GeneDx
3D8PG	BRCA1/2 Sequencing and Deletion Duplication Analysis	ACL Laboratories
5FUUG	BRCA1/2: Comprehensive BRCA Analysis by Gene Sequencing with Deletion/Duplication Analysis	Medical Diagnostic Laboratories, LLC
7DLBG	BRCA1/BRCA2 Genes, Full Gene Analysis, Varies	Mayo Clinic Laboratories
6LS6G	BRCAssure : BRCA1 and BRCA2 Comprehensive Analysis	LabCorp
546VG	BRCAssure: BRCA1 / 2 Comprehensive Analysis	Labcorp   Oncology
58G6G	BRCAssure: Comprehensive BRCA1 / 2 Analysis	Integrated Genetics
2C88G	Empower - BRCA1 & BRCA2 Hereditary Cancer Test	Natera
7X27G	GxVISION Hereditary Cancer Risk Assessment BRCA1/2 Genes	Otogenetics
57DKG	Hereditary Breast and Ovarian Cancer BRCA1/2 Panel	PreventionGenetics, part of Exact Sciences
32SZG	Hereditary Breast and Ovarian Cancer Syndrome Panel	PerkinElmer Genomics
7WXHG	Hereditary cancer BRCA1 BRCA2	University of Minnesota Physicians Outreach Laboratory
2V8RG	Integrated BRAC Analysis, EDTA Whole Blood (BRACA 1 & 2 Testing)	Marshfield Labs
6RMHG	Integrated BRACAnalysis	Myriad Genetics
7QDVG	Integrated Reflex BRACAnalysis	Myriad Genetics
442GG	Invitae BRCA1 and BRCA2 Panel	Invitae Corporation
44N2G	Invitae BRCA1 and BRCA2 STAT Panel	Invitae Corporation
7V3GG	OnkoRisk BRCA Panel (Non-NYS)	BioReference Laboratories
7SLMG	PrevenTest, Custom (BRCA1, BRCA2)	Advanced Molecular Diagnostics, LLC
6RN9G	Reflex BRACAnalysis	Myriad Genetics
7B7QG	STAT Hereditary Breast and Ovarian Cancer Syndrome Panel	PerkinElmer Genomics

### BRCA1/2 Sequencing Tests

GTU	Test Name	Laboratory Name
7QGKG	BRCA1 and BRCA2 Sequencing	Clinical Pathology Laboratories

GTU	Test Name	Laboratory Name
7U26G	BRCA1 and BRCA2 Sequencing (NGS)	University of Michigan - Michigan Medical Genetics Laboratories
79AFG	BRCA1, BRCA2 panel - NGS Panel	Centogene
3SEYG	BRCA1/2 Sequencing Test	Gene by Gene
6UQTG	BRCA1-2 with RNAinsight	Ambry Genetics

### Breast Cancer Prognostic Algorithmic Tests

GTU	Test Name	Laboratory Name
4ZMDG	Breast Cancer Prognostic Gene Signature Assay (Prosigna ), IVD	LabCorp
6UVJG	EndoPredict	Myriad Genetics
49Z2G	MammaPrint	Agendia, Inc.
326SG	PROSIGNA BREAST CANCER PROGNOSTIC GENE SIGNATURE	Empire City Laboratories, Inc.
54HTG	Prosigna Breast Cancer Prognostic Gene Signature Assay	Labcorp   Oncology
6UUUG	Prosigna Breast Cancer Prognostic Gene Signature Assay	Quest Diagnostics
2KTBG	Prosigna Breast Cancer Prognostic Gene Signature Assay	Veracyte

### Breast Cancer Treatment and Prognostic Algorithmic Tests

GTU	Test Name	Laboratory Name
2VDEG	Oncotype Dx Breast Cancer Assay	Marshfield Labs
7BNGG	Oncotype DX Breast Recurrence Score Test	Exact Sciences Laboratories, LLC

### Cell-Free Circulating Tumor DNA Cancer Profiling Panel Tests (51 or more genes)

GTU	Test Name	Laboratory Name
7VVWG	Caris Assure	Caris Life Sciences
6R3DG	FoundationOne Liquid CDx	Foundation Medicine
7BZFG	FoundationOne Liquid CDx (For Allina outpatient use only)	Allina Health Laboratory
7ABJG	Guardant360	Guardant Health
6UW6G	Guardant360 CDx	Guardant Health

GTU	Test Name	Laboratory Name
7Y2RG	Liquid Biopsy	BostonGene
7TMMG	LiquidHALLMARK	Lucence Health
7ACKG	MSK-ACCESS	Memorial Sloan Kettering Cancer Center
7VPQG	Northstar Select	Billion to One
7TXKG	Tempus xF Liquid Biopsy Test, blood	University of Michigan - Michigan Medical Genetics Laboratories
2B64G	Tempus  xF: Liquid Biopsy Panel of 105 Genes	Tempus AI, Inc.
7S8WG	Tempus  xF+: Liquid Biopsy Panel of 523 Genes	Tempus AI, Inc.

### Cell-Free Circulating Tumor DNA Cancer Profiling Panel Tests (5-50 genes)

GTU	Test Name	Laboratory Name
7RWNG	MayoComplete Liquid Biopsy Panel, Next-Generation Sequencing, Cell-Free DNA	Mayo Clinic Laboratories
3FYGG	NeoLAB Solid Tumor Liquid Biopsy	NeoGenomics Laboratories
7VQXG	Neuroblastoma Liquid Biopsy Panel (Circulating Tumor DNA)	Children's Hospital of Philadelphia - Division of Genomic Diagnostics
537NG	PGDx elio plasma resolve*	Personal Genome Diagnostics
7UQXG	Plasma Focus	LabCorp

### Cell-Free Circulating Tumor DNA Colorectal Cancer Panel Tests

GTU	Test Name	Laboratory Name
2AHTG	OncoBEAM™ CRC1: KRAS, NRAS, BRAF, HRAS	Symex Inostics, INC

### Cell-Free Circulating Tumor DNA Lung Cancer Panel Tests

GTU	Test Name	Laboratory Name
7ACFG	GeneStrat	Biodesix
7ACGG	GeneStrat NGS	Biodesix
4764G	Genestrat Test	ACL Laboratories
7TRFG	InVisionFirst -Lung Liquid Biopsy	Inivata Ltd
4FGPG	InVisionFirst -Lung Liquid Biopsy	NeoGenomics Laboratories

GTU	Test Name	Laboratory Name
7RVXG	IQlung Treatment Guidance Testing	Biodesix
28XAG	OncoBEAM™ Lung2: EGFR, KRAS, BRAF	Sysmex Inostics, INC
6UU4G	Resolution ctDx Lung assay (Liquid Biopsy)	Labcorp   Oncology

### Chromosomal Microarray (SNP and CGH) for Invasive Prenatal Tests

GTU	Test Name	Laboratory Name
2KSUG	511810 Follow-Up Prenatal CMA qPCR	LabCorp
79AMG	CentoArrayCyto 750K - Array CGH (prenatal)	Centogene
79APG	CentoArrayCyto HD - Array CGH (prenatal)	Centogene
2EKCG	Chromosomal Microarray - Prenatal Diagnosis	Knight Molecular Diagnostic
33X4G	Chromosomal Microarray Prenatal (CMA)	Marshfield Labs
2ETFG	Chromosomal Microarray, Prenatal, ClariSure	Johns Hopkins Medical Institutions - Pathology Laboratory
6LEBG	Chromosomal Microarray, Prenatal	Hennepin County Medical Center
6R47G	Chromosomal Microarray, Prenatal, Amniotic Fluid/Chorionic Villus Sampling	Mayo Clinic Laboratories
7U36G	Chromosomal Microarray, Prenatal, Amniotic Fluid/Chorionic Villus Sampling	University of Michigan - Michigan Medical Genetics Laboratories
2EQ3G	Chromosomal Microarray, Prenatal, ClariSure Oligo-SNP	Quest Diagnostics
2WTCG	CHROMOSOMAL MICROARRAY, PRENATAL CLARISURE	Empire City Laboratories, Inc.
7U5HG	Cytogenomic SNP Microarray; Fetal	University of Pennsylvania School of Medicine - Molecular Pathology Laboratory
25DWG	Cytogenomic SNP Microarray, Fetal	ARUP Laboratories
4XSNG	Cytogenomic SNP Microarray, Fetal	TriCore Reference Laboratories
3DQXG	Cytogenomic SNP Microarray, Fetal	UCSD - Molecular Diagnostics & Cytogenetics Laboratory
78KYG	Cytogenomic SNP Microarray, Fetal	University of California Davis Health System - UCDCM - Molecular and Cytogenetic Laboratory
2P6UG	Expanded Chromosomal Microarray Analysis - Prenatal - Amniotic Fluid	Baylor Genetics, LLC
4JAVG	Expanded Chromosomal Microarray Analysis - Prenatal - CVS	Baylor Genetics, LLC
5BR7G	Genomic Microarray, Prenatal (Amniotic Fluid or CVS)	ACL Laboratories

GTU	Test Name	Laboratory Name
7V33G	IriSight™? CNV Analysis Accepted Specimens	Variantix, Inc.
7X43G	POC Microarray with 5-Cell Chromosome Analysis	Nationwide Children's Hospital - Cytogenetics and Molecular Genetics Laboratory
7Y5VG	Prenatal chromosomal microarray analysis   CMA	Washington University in St. Louis Pathology Services
328BG	Prenatal Cytogenomic Microarray	University Hospitals
2LEXG	Prenatal Microarray	Greenwood Genetic Center - Molecular Diagnostic Laboratory
7X46G	Prenatal Microarray with 5-Cell Chromosome Analysis	Nationwide Children's Hospital - Cytogenetics and Molecular Genetics Laboratory
7X49G	Prenatal Microarray with Parental Testing	Nationwide Children's Hospital - Cytogenetics and Molecular Genetics Laboratory
7X45G	Prenatal Microarray without Parental Testing	Nationwide Children's Hospital - Cytogenetics and Molecular Genetics Laboratory
7C4VG	Prenatal Whole Genome Chromosomal Microarray	BioReference Laboratories
6WNXG	Prenatal Whole Genome Chromosomal Microarray	GeneDx
7Y5TG	Products of conception chromosomal microarray analysis   CMA	Washington University in St. Louis Pathology Services
6LUQG	Rapid Prenatal Chromosomal Microarray via aCGH and SNP - Prenatal Test	PreventionGenetics, part of Exact Sciences
7C4XG	Reflex to Prenatal Whole Genome Chromosomal Microarray from Chromosomes	BioReference Laboratories
5BNSG	Reveal SNP Microarray – Prenatal	Integrated Genetics
2EPWG	SNP Array for Prenatal Analysis (aka Microarray)	UCSF Molecular Diagnostics Laboratory
7X47G	SNP Microarray	Nationwide Children's Hospital - Cytogenetics and Molecular Genetics Laboratory
3U6CG	SNP Microarray (Direct)-Prenatal (Reveal)	LabCorp
3N8VG	SNP Microarray-Prenatal (Reveal)	LabCorp

### Chromosomal Microarray (SNP and CGH) for Pregnancy Loss Tests

GTU	Test Name	Laboratory Name
6S7ZG	Anora Miscarriage Test (Fresh)	Natera
2EXPG	Anora Miscarriage Test (Paraffin)	Natera
2EW5G	CGH-POC: Comparative Genomic Hybridization	New Jersey Medical School - Institute of Genomic Medicine

<b>GTU</b>	<b>Test Name</b>	<b>Laboratory Name</b>
<b>6LRAG</b>	Chromosomal Microarray Analysis (CMA) - Products of Conception	Allina Health Laboratory
<b>6R2VG</b>	Chromosomal Microarray, Autopsy, Products of Conception, or Stillbirth	Mayo Clinic Laboratories
<b>7U37G</b>	Chromosomal Microarray, Autopsy, Products of Conception, or Stillbirth	University of Michigan - Michigan Medical Genetics Laboratories
<b>6R3NG</b>	Chromosomal Microarray, Autopsy/Products of Conception/Stillbirth, Tissue	Mayo Clinic Laboratories
<b>7U35G</b>	Chromosomal Microarray, Autopsy/Products of Conception/Stillbirth, Tissue	University of Michigan - Michigan Medical Genetics Laboratories
<b>2E8MG</b>	Chromosomal Microarray, POC, ClariSure Oligo-SNP	Quest Diagnostics
<b>3PJJG</b>	CHROMOSOMAL MICROARRAY, POC, CLARISURE OLIGO-SNP,POC	Empire City Laboratories, Inc.
<b>3KVVG</b>	Comparative Genomic Hybridization (CGH): Products of Conception (POC)	New Jersey Medical School - Institute of Genomic Medicine
<b>7DK8G</b>	Cytogenomic Molecular Inversion Probe Array FFPE Tissue - Products of Conception	ARUP Laboratories
<b>2EKBG</b>	Genomic Microarray, POC	ACL Laboratories
<b>2EXDG</b>	Genomic SNP Microarray, Products of Conception	ARUP Laboratories
<b>7PTBG</b>	Microarray Analysis - PREGNANCY LOSS	Nebraska Medical Center - Molecular Diagnostic Laboratory
<b>2ENDG</b>	Microarray-Products of Conception (POC) Reveal FFPE	LabCorp
<b>2E65G</b>	Microarray-Products of Conception (POC) Reveal FFPE, Data Transfer	LabCorp
<b>7XJKG</b>	POC (Products of Conception) Microarray Analysis	Nationwide Children's Hospital - Cytogenetics and Molecular Genetics Laboratory
<b>2M7XG</b>	Pregnancy Loss Chromosomal SNP Microarray	Colorado Genetics Laboratory
<b>3JXFG</b>	Products of Conception Microarray + SNP	Cleveland Clinic Laboratories
<b>4ZPRG</b>	Reveal SNP Microarray – POC	Integrated Genetics
<b>5FU7G</b>	SNP Array for Tissue and POC (aka Microarray)	UCSF Molecular Diagnostics Laboratory
<b>3U6BG</b>	SNP Microarray Products of Conception (POC) / Tissue (Reveal )	LabCorp

## Chromosomal Microarray (SNP and CGH) Tests

GTU	Test Name	Laboratory Name
25SKG	2.7 M SNP Chromosomal Microarray	Nicklaus Children's Hospital - Miami Genetic Laboratories
4LCPG	Array CGH	UAB Cytogenetics Laboratory
3R4MG	Array Comparative Genomic Hybridization	Children's Hospital and Research Center Oakland - Molecular Genetics
2KYRG	Array-based Comparative Genome Hybridization, Genetic Dx.	Stanford Clinical Laboratories - Biochemical Genetics Laboratory
3GPJG	Assure SNP Microarray Analysis (FDA cleared)	CytoGenX
2E8LG	Assure SNP Microarray Analysis (FDA cleared) – Prenatal & Postnatal	CytoGenX
7XJLG	Autopsy Microarray Analysis	Nationwide Children's Hospital - Cytogenetics and Molecular Genetics Laboratory
3AG7G	CGH: Comparative Genomic Hybridization	New Jersey Medical School - Institute of Genomic Medicine
3F5GG	CHROMOSOMAL MICROARRAY	Detroit Medical Center University Laboratories - Molecular Genetics Diagnostic Laboratory
4CURG	CHROMOSOMAL MICROARRAY	Fullerton Genetics Center - Mission Health
6XNCG	Chromosomal Microarray (MicroarrayDx)	GeneDx
687XG	Chromosomal Microarray Analysis	Center for Genetic Testing at Saint Francis
38VKG	Chromosomal Microarray Analysis	UCLA Diagnostic Molecular Pathology Laboratory
6NL2G	Chromosomal Microarray Analysis - HR	Baylor Genetics, LLC
2ZAVG	Chromosomal Microarray Analysis - HR + SNP Screen (Comprehensive)	Baylor Genetics, LLC
6LRBG	Chromosomal microarray analysis (CMA) - Blood	Allina Health Laboratory
4DNFG	Chromosomal Microarray Analysis for Constitutional Abnormalities	University of Washington Medical Center - Laboratory Medicine-Genetics Laboratory
2EW7G	Chromosomal Microarray only	Washington University in St. Louis Pathology Services
53JEG	Chromosomal Microarray SNP, Constitutional	Cleveland Clinic Laboratories
3A53G	Chromosomal Microarray with abbreviated karyotype	Washington University in St. Louis Pathology Services
32EDG	Chromosomal Microarray with concurrent karyotype	Washington University in St. Louis Pathology Services
333GG	Chromosomal Microarray with reflex karyotype	Washington University in St. Louis Pathology Services

GTU	Test Name	Laboratory Name
4XSMG	Chromosomal Microarray, Congenital, Bld (CMACB)	Marshfield Labs
6R2TG	Chromosomal Microarray, Congenital, Blood	Mayo Clinic Laboratories
7R9LG	Chromosomal Microarray, Hematologic Malignancy, ClariSure Oligo-SNP (90961)	Rady Children's Institute for Genomic Medicine
2Z55G	Chromosomal Microarray, POC FFPE, ClariSure Oligo-SNP	Quest Diagnostics
8EJVG	Chromosomal Microarray, POC, ClariSure Oligo-SNP	Medfusion
8EPBG	Chromosomal Microarray, Postnatal Familial Follow-up, ClariSure Oligo-SNP	Quest Diagnostics
2ETDG	Chromosomal Microarray, Postnatal, ClariSure Oligo-SNP	Quest Diagnostics
2E8NG	Chromosomal Microarray, Postnatal, ClariSure Oligo-SNP (16478)	Rady Children's Institute for Genomic Medicine
2EP9G	Chromosomal SNP Microarray	Children's Hospital of Philadelphia - Division of Genomic Diagnostics
2BG9G	Chromosomal SNP Microarray	Seattle Children's Hospital
68Y6G	Chromosome Array (aCGH)	Center for Genetic Testing at Saint Francis
2DXNG	Chromosome Microarray	Palo Verde Laboratory - division of Sonora Quest Lab
53TQG	Chromosome Microarray	University of Virginia Health System
54CPG	Chromosome Microarray Analysis	Molecular Diagnosis - University of Rochester Medical Center - Strong Memorial Hospital
2ELZG	Chromosome Microarray Analysis - Constitutional	John Hopkins All Children's Hospital
7S97G	Chromosome Microarray, Congenital	Sanford USD Medical Center - Sanford Clinic USD Genetics Laboratory
2DYKG	CHROMOSOME MICROARRAY, POSTNATAL	Empire City Laboratories, Inc.
7QHSG	CHROMOSOME SNP MICROARRAY	University of Texas Medical Branch - UTMB - Porphyria Laboratory
5FQBG	Chromosome Specific Interphase FISH	Center for Genetic Testing at Saint Francis
7X4CG	CNS Tumor Classification by Methylation Array	Nationwide Children's Hospital - Cytogenetics and Molecular Genetics Laboratory
2LLCG	Combimatrix Combi SNP Array Tissue	Norton CPA Lab
2FNJG	Compar Genomic Hybrid-SNP	Norton CPA Lab
2EPKG	Comparative Genomic Hybridization (CGH):Mental Retardation/ Developmental Delay	New Jersey Medical School - Institute of Genomic Medicine
7WJHG	Constitutional Chromosomal Microarray (Copy Number)	University of Minnesota Physicians Outreach Laboratory



<b>GTU</b>	<b>Test Name</b>	<b>Laboratory Name</b>
<b>6T6QG</b>	Constitutional Chromosomal Microarray Analysis – Peripheral Blood	Indiana University Molecular Genetics Diagnostic Laboratory - Indiana University Medical Center, School of Medicine
<b>2E7LG</b>	Constitutional Chromosomal Microarray Analysis (CMA)	Indiana University School of Medicine - Cytogenetics Laboratory
<b>7WBMG</b>	Constitutional Limited Chromosomal Microarray (Copy number only) (Charged)	University of Minnesota Physicians Outreach Laboratory
<b>7WPQG</b>	Constitutional or Products of Conception (POC) Chromosomal Microarray (Copy Number/SNP)	University of Minnesota Physicians Outreach Laboratory
<b>2ETHG</b>	Constitutional SNP Array Karyotyping, Constitutional Chromosome Microarray Analysis (CMA)	Beaumont Laboratories - Molecular Pathology Lab
<b>2M4WG</b>	Cytogenomic Microarray Analysis	University of Washington Medicine - Pathology - Cytogenetics and Genomics Laboratory
<b>49JCG</b>	Cytogenomic Microarray Analysis of Postnatal Blood	Akron Children's Hospital
<b>7W9QG</b>	Cytogenomic Microarray SNP Fetal	University of Minnesota Physicians Outreach Laboratory
<b>49W6G</b>	Cytogenomic SNP array (postnatal)	The University of Chicago Genetic Services
<b>2E3BG</b>	Cytogenomic SNP Microarray	ARUP Laboratories
<b>8EBHG</b>	Cytogenomic SNP Microarray	Medfusion
<b>2MTFG</b>	Cytogenomic SNP Microarray	UCSD - Molecular Diagnostics & Cytogenetics Laboratory
<b>2X3MG</b>	Cytogenomic SNP Microarray	University of California Davis Health System - UCDMC - Molecular and Cytogenetic Laboratory
<b>7XL3G</b>	Cytogenomic SNP Microarray	University of Illinois at Chicago - Biochemical Genetics Laboratory
<b>7U9JG</b>	Cytogenomic SNP Microarray	University of Pennsylvania School of Medicine - Molecular Pathology Laboratory
<b>2542G</b>	Cytogenomic SNP Microarray Buccal Swab	ARUP Laboratories
<b>2D5QG</b>	FirstStepDx PLUS	Bionano Laboratories
<b>7UHHG</b>	Genomic Microarray Analysis - Parental study, Genome Wide Array	University of Pennsylvania School of Medicine - Molecular Pathology Laboratory
<b>3MA8G</b>	Genomic Microarray, Blood	ACL Laboratories
<b>2ENHG</b>	Genomic SNP Microarray, Products of Conception	University of California Davis Health System - UCDMC - Molecular and Cytogenetic Laboratory
<b>7UHKG</b>	Genomic SNP Microarray, Products of Conception	University of Pennsylvania School of Medicine - Molecular Pathology Laboratory
<b>2ETGG</b>	Illumina Global Screening Array Sequencing Test	Gene by Gene

<b>GTU</b>	<b>Test Name</b>	<b>Laboratory Name</b>
<b>2EQNG</b>	Illumina Microarray Analysis	University of Wisconsin - Madison WSLH - UW Cytogenetic Services
<b>2EMZG</b>	Illumina Microarray Analysis- Targeted Family	University of Wisconsin - Madison WSLH - UW Cytogenetic Services
<b>7TG6G</b>	Invitae Chromosomal Microarray Analysis (CMA)	Invitae Corporation
<b>2EMYG</b>	Invitae Chromosomal Microarray Analysis (CMA) with follow-up FISH when required	Invitae Corporation
<b>7QHGG</b>	LV CYTOGENOMIC SNP MICROARRAY	Clinical Pathology Laboratories
<b>3UUJG</b>	Micro Array: Comparative Genomic Hybridization (aCGH) with SNP	University of Florida - Health Pathology Laboratories
<b>346KG</b>	MICROARRAY : FAMILY STUDY	Cincinnati Children's Hospital Medical Center - Molecular Genetics and Cytogenetics Laboratories
<b>33ZTG</b>	Microarray : SNP	Cincinnati Children's Hospital Medical Center - Molecular Genetics and Cytogenetics Laboratories
<b>3LQLG</b>	Microarray Analysis - CytoScan SNP	UCSD - Molecular Diagnostics & Cytogenetics Laboratory
<b>7PTDG</b>	Microarray Analysis - MALIGNANCY TESTING	Nebraska Medical Center - Molecular Diagnostic Laboratory
<b>7PTAG</b>	Microarray Analysis - POSTNATAL	Nebraska Medical Center - Molecular Diagnostic Laboratory
<b>6LCFG</b>	Microarray Analysis With Interpretation	Hennepin County Medical Center
<b>32YYG</b>	MICROARRAY CGH, WHOLE GENOME(OLIGO)	Ann and Robert Lurie Children's Hospital of Chicago
<b>54P3G</b>	Microarray Single Nucleotide Polymorphism	Molecular Diagnosis - University of Rochester Medical Center - Strong Memorial Hospital
<b>4QK2G</b>	Microarray/aCGH	Genetic Associates
<b>7A2PG</b>	POC Microarray Analysis	ProPath
<b>2DYJG</b>	Postnatal Chromosomal SNP Microarray	Colorado Genetics Laboratory
<b>6NNJG</b>	Rapid Chromosomal Microarray via aCGH and SNP Test	PreventionGenetics, part of Exact Sciences
<b>59WPG</b>	Rapid microarray (CGH and SNP)	Allele Diagnostics
<b>3PL6G</b>	Reflex microarray if chromosomes are normal	Genetic Associates
<b>2EKFG</b>	Reflex to SNP Array	UCSF Molecular Diagnostics Laboratory
<b>2DYMG</b>	Reveal SNP Microarray Pediatric	Integrated Genetics
<b>2EN4G</b>	SNP Array	Ambry Genetics
<b>5FU8G</b>	SNP Array for Blood Analysis (aka Microarray)	UCSF Molecular Diagnostics Laboratory
<b>7XWXG</b>	SNP Array for Cancer Analysis	UCSF Molecular Diagnostics Laboratory

GTU	Test Name	Laboratory Name
2DYGG	SNP Array, Family Follow-Up	UCSF Molecular Diagnostics Laboratory
54CTG	SNP CHIP (6.0) WHOLE GENOME COPY NUMBER ANALYSIS	Center for Human Genetics, Inc.
3GSDG	SNP LOH STUDIES	Center for Human Genetics, Inc.
2L3GG	SNP Microarray	Shodair Children's Hospital - Genetics Laboratory
2Z5JG	SNP Microarray Pediatric	Integrated Regional Laboratories
2EKEG	SNP microarray Processing, Extraction and Storage	UCSF Molecular Diagnostics Laboratory
49AAG	SNP Microarray when Routine Chrom or High Res and Fragile X have ALREADY been billed	Center for Human Genetics, Inc.
2EQQG	SNP Microarray-Pediatric (Reveal)	LabCorp
52MEG	SNP Oligonucleotide Microarray Analysis (SOMA)	Columbia University - Personalized Genomic Medicine
6NNKG	Whole-Genome Chromosomal Microarray (CMA-ISCA) via the aCGH and SNP Test	PreventionGenetics, part of Exact Sciences

### Colorectal Cancer Prognostic Algorithmic Tests <sup>1</sup>

GTU	Test Name	Laboratory Name
7S9GG	miR-31now	GoPath Laboratories
7BNJG	Oncotype DX® Colon Recurrence Score Test	Exact Sciences Laboratories, LLC

### Comprehensive Arrhythmia & Cardiomyopathy (Sudden Cardiac or Unexplained Death) Panel Tests

GTU	Test Name	Laboratory Name
23DQG	Cardiomyopathy and Arrhythmia Panel, Sequencing and Deletion/Duplication	ARUP Laboratories
2DTLG	Cardiomyopathy and Arrhythmia Sequencing Panel	UCSD - Molecular Diagnostics & Cytogenetics Laboratory
7TP5G	CardioNext: Arrhythmia	Ambry Genetics
77BXG	CardioNext: Cardiomyopathy	Ambry Genetics
2LRSG	Combined Cardiac Panel	GeneDx
7SCFG	Comprehensive Arrhythmia and Cardiomyopathy Gene Panel, Varies	Mayo Clinic Laboratories
3FQNG	Comprehensive Cardiac Arrhythmia/Cardiomyopathy Panel	Northwest Clinical Genomics Lab

GTU	Test Name	Laboratory Name
438XG	Invitae Arrhythmia and Cardiomyopathy Comprehensive Panel	Invitae Corporation
7DR2G	Invitae Arrhythmia and Cardiomyopathy Comprehensive Panel - UNLOCKCARDIO	Invitae Corporation
43H3G	Invitae Arrhythmia and Cardiomyopathy Comprehensive Panel-Add-on Preliminary-evidence Genes for Arrhythmia and Cardiomyopathy	Invitae Corporation
7QKVG	Invitae Arrhythmia and Cardiomyopathy Comprehensive Panel-Add-on Preliminary-evidence Genes for Arrhythmia and Cardiomyopathy - UNLOCKCARDIO	Invitae Corporation
43F5G	Invitae Arrhythmia and Cardiomyopathy Comprehensive Panel-Add-on Sudden Unexpected Death in Epilepsy (SUDEP) Genes	Invitae Corporation
7QL3G	Invitae Arrhythmia and Cardiomyopathy Comprehensive Panel-Add-on Sudden Unexpected Death in Epilepsy (SUDEP) Genes - UNLOCKCARDIO	Invitae Corporation
7UY6G	Postmortem Cardiomyopathy and Arrhythmia Gene Panel, Tissue	Mayo Clinic Laboratories
4XFMG	Sudden Death Syndrome NGS Panel (Deletion/Duplication Only)	Fulgent Genetics
77CZG	Sudden Death Syndrome NGS Panel (Sequencing & Deletion/Duplication)	Fulgent Genetics
77U8G	Sudden Death Syndrome NGS Panel (Sequencing Only)	Fulgent Genetics

### Comprehensive Cardiomyopathy Panel Tests

GTU	Test Name	Laboratory Name
7VAEG	Cardiomyopathy NGS Panel	AiLife Diagnostics
7VAFG	Cardiomyopathy NGS Panel Rapid	AiLife Diagnostics
4MUVG	Cardiomyopathy Panel	Northwest Clinical Genomics Lab
7DMVG	Cardiomyopathy Panel	Washington University in St. Louis Genomics and Pathology Services
45LWG	Cardiomyopathy Pediatric Panel	Children's Hospital of Philadelphia - Division of Genomic Diagnostics
79PLG	Centocardio - NGS Panel (CNV included)	Centogene
2YZFG	CMNext	Ambry Genetics
28S8G	Comp Cardiomyopathy Panel	Johns Hopkins Medical Institutions - Pathology Laboratory

GTU	Test Name	Laboratory Name
2BXWG	Comprehensive Cardiomyopathy (NGS Panel and Copy Number Analysis + mtDNA)	MNG Laboratories
7SCCG	Comprehensive Cardiomyopathy Gene Panel, Varies	Mayo Clinic Laboratories
3XZHG	Comprehensive Cardiomyopathy NGS Panel (Deletion/Duplication Only)	Fulgent Genetics
25DLG	Comprehensive Cardiomyopathy NGS Panel (Sequencing & Deletion/Duplication)	Fulgent Genetics
33E5G	Comprehensive Cardiomyopathy NGS Panel (Sequencing Only)	Fulgent Genetics
345YG	Comprehensive Cardiomyopathy Panel	Cincinnati Children's Hospital Medical Center - Molecular Genetics and Cytogenetics Laboratories
332EG	Comprehensive Cardiomyopathy Panel	Knight Molecular Diagnostic
7DQHG	Comprehensive Cardiomyopathy Panel	PerkinElmer Genomics
56ZPG	GeneSeq Cardio Familial Cardiomyopathy Panel	LabCorp
3GBZG	GeneSeq : Cardio-Familial Cardiomyopathy Profile	Integrated Genetics
5FWFG	Invitae Cardiomyopathy Comprehensive Panel	Invitae Corporation
3YNXG	Invitae Cardiomyopathy Comprehensive Panel - LYSO	Invitae Corporation
24WTG	Invitae Cardiomyopathy Comprehensive Panel-Add-on Preliminary-evidence Genes for Cardiomyopathy	Invitae Corporation
3YRRG	Invitae Cardiomyopathy Comprehensive Panel-Add-on Preliminary-evidence Genes for Cardiomyopathy - LYSO	Invitae Corporation
5U3FG	Pan Cardiomyopathy (92 genes) Deletion/Duplication Panel	Baylor College of Medicine - John Welsh Cardiovascular Diagnostic Laboratory
2G3NG	Pan Cardiomyopathy (92 genes) NGS + Sanger fill-in Panel	Baylor College of Medicine - John Welsh Cardiovascular Diagnostic Laboratory
5638G	Pan Cardiomyopathy (92 genes) NGS Panel	Baylor College of Medicine - John Welsh Cardiovascular Diagnostic Laboratory
7BLQG	Pan Cardiomyopathy Panel	Johns Hopkins Medical Institutions - Pathology Laboratory
57C9G	Pan Cardiomyopathy Panel	PreventionGenetics, part of Exact Sciences
7UHGG	Pan Cardiomyopathy Panel (62 Genes)	University of Pennsylvania School of Medicine - Molecular Pathology Laboratory
7UY7G	Postmortem Cardiomyopathy Gene Panel, Tissue	Mayo Clinic Laboratories
7B77G	STAT Comprehensive Cardiomyopathy Panel	PerkinElmer Genomics

## Dilated Cardiomyopathy (DCM) Panel Tests

GTU	Test Name	Laboratory Name
2YW9G	DCMNext	Ambry Genetics
5NAGG	Dilated & Arrhythmogenic Cardiomyopathy NGS Panel	Greenwood Genetic Center - Molecular Diagnostic Laboratory
3JZVG	Dilated Cardiomyopathy – DCM (52 genes) Deletion/Duplication Panel	Baylor College of Medicine - John Welsh Cardiovascular Diagnostic Laboratory
2FP7G	Dilated Cardiomyopathy – DCM (52 genes) NGS + Sanger fill-in Panel	Baylor College of Medicine - John Welsh Cardiovascular Diagnostic Laboratory
3CBJG	Dilated Cardiomyopathy – DCM (52 genes) NGS Panel	Baylor College of Medicine - John Welsh Cardiovascular Diagnostic Laboratory
3XP4G	Dilated Cardiomyopathy (DCM) Panel	Cincinnati Children's Hospital Medical Center - Molecular Genetics and Cytogenetics Laboratories
7DMXG	Dilated Cardiomyopathy (DCM) Panel	Washington University in St. Louis Genomics and Pathology Services
7SC4G	Dilated Cardiomyopathy and Left Ventricular Noncompaction Cardiomyopathy Gene Panel, Varies	Mayo Clinic Laboratories
44D6G	Dilated Cardiomyopathy NGS Panel (Deletion/Duplication Only)	Fulgent Genetics
25DFG	Dilated Cardiomyopathy NGS Panel (Sequencing & Deletion/Duplication)	Fulgent Genetics
3CJ3G	Dilated Cardiomyopathy NGS Panel (Sequencing Only)	Fulgent Genetics
3CBUG	Dilated Cardiomyopathy Panel	Knight Molecular Diagnostic
7XHEG	Dilated Cardiomyopathy Panel	Nationwide Children's Hospital - Cytogenetics and Molecular Genetics Laboratory
3XNVG	Dilated Cardiomyopathy Panel	PerkinElmer Genomics
5CZ6G	Dilated Cardiomyopathy Panel	PreventionGenetics, part of Exact Sciences
2KTAG	Dilated Cardiomyopathy Panel, Sequencing	ARUP Laboratories
3XPBG	Dilated Cardiomyopathy Sequencing Panel with CNV Detection: Institution-Specific	PreventionGenetics, part of Exact Sciences
2KYQG	Invitae Dilated Cardiomyopathy and Left Ventricular Noncompaction Panel	Invitae Corporation
5FWEG	Invitae Dilated Cardiomyopathy and Left Ventricular Noncompaction Panel-Add-on Preliminary-evidence Genes for Dilated Cardiomyopathy and Left Ventricular Noncompaction	Invitae Corporation
7B78G	STAT Dilated Cardiomyopathy Panel	PerkinElmer Genomics

## Dystonia Panel Tests

GTU	Test Name	Laboratory Name
77W5G	Basal Ganglia Calcification Dystonia (NGS Panel and Copy Number Analysis)	MNG Laboratories
5X7HG	Complete Dopa-Responsive Dystonia (DYT5) Evaluation	Athena Diagnostics Inc
78DLG	Comprehensive Dystonia (NGS Panel and Copy Number Analysis + mtDNA + HTT Repeat Expansion Analysis)	MNG Laboratories
77FMG	Comprehensive Dystonia (NGS Panel and Copy Number Analysis + mtDNA)	MNG Laboratories
249UG	Dopa-Responsive Dystonia (NGS Panel and Copy Number Analysis)	MNG Laboratories
6FW7G	Dopa-Responsive Dystonia NGS Panel (Deletion/Duplication Only)	Fulgent Genetics
6CT3G	Dopa-Responsive Dystonia NGS Panel (Sequencing & Deletion/Duplication)	Fulgent Genetics
3PSFG	Dopa-Responsive Dystonia NGS Panel (Sequencing Only)	Fulgent Genetics
6USCG	Dystonia Chorea Parkinson Exome	The University of Chicago Genetic Services
4WB4G	Dystonia Dyskinesia NGS Panel (Deletion/Duplication Only)	Fulgent Genetics
76VXG	Dystonia Dyskinesia NGS Panel (Sequencing & Deletion/Duplication)	Fulgent Genetics
76WNG	Dystonia Dyskinesia NGS Panel (Sequencing Only)	Fulgent Genetics
5JVSG	Dystonia Exome	The University of Chicago Genetic Services
775XG	Dystonia Panel	GeneDx
775BG	Dystonia Panel	Knight Molecular Diagnostic
77JMG	Dystonia Panel	PerkinElmer Genomics
78FUG	Dystonia Panel	PreventionGenetics, part of Exact Sciences
778BG	Invitae Dystonia Comprehensive Panel	Invitae Corporation
76S3G	Invitae Dystonia Comprehensive Panel-Add-on Preliminary-evidence Genes for Dystonia	Invitae Corporation
4SRKG	Isolated Dystonia Evaluation	Athena Diagnostics Inc
5X6QG	Myoclonic Dystonia Panel	PerkinElmer Genomics
77MVG	OXPHOS Defect Dystonia (NGS Panel and Copy Number Analysis + mtDNA)	MNG Laboratories

GTU	Test Name	Laboratory Name
76Q3G	Primary Dystonia (NGS Panel and Copy Number Analysis)	MNG Laboratories
7AYEG	STAT Dystonia Panel	PerkinElmer Genomics
7AYCG	STAT Myoclonic Dystonia Panel	PerkinElmer Genomics

## Epilepsy and Seizure Disorder Panel Tests

GTU	Test Name	Laboratory Name
65CUG	Actionable Epilepsy NGS Panel (Deletion/Duplication Only)	Fulgent Genetics
78D5G	Actionable Epilepsy NGS Panel (Sequencing & Deletion/Duplication)	Fulgent Genetics
76Y6G	Actionable Epilepsy NGS Panel (Sequencing Only)	Fulgent Genetics
3UT6G	Adolescent/Adult Epilepsy NGS Panel (Deletion/Duplication Only)	Fulgent Genetics
78BJG	Adolescent/Adult Epilepsy NGS Panel (Sequencing & Deletion/Duplication)	Fulgent Genetics
77UVG	Adolescent/Adult Epilepsy NGS Panel (Sequencing Only)	Fulgent Genetics
3PZSG	Childhood Epilepsy NGS Panel (Deletion/Duplication Only)	Fulgent Genetics
77UAG	Childhood Epilepsy NGS Panel (Sequencing & Deletion/Duplication)	Fulgent Genetics
76XSG	Childhood Epilepsy NGS Panel (Sequencing Only)	Fulgent Genetics
784QG	Childhood Epilepsy Panel	Knight Molecular Diagnostic
87ASG	Clinical Epilepsy NGS Panel	LabCorp
78L9G	Clinical Epilepsy NGS Panel	MNG Laboratories
77ASG	Comprehensive Epilepsy (NGS Panel and Copy Number Analysis + mtDNA)	MNG Laboratories
73X4G	Comprehensive Epilepsy NGS Panel	LabCorp
78KDG	Comprehensive Epilepsy Panel	GeneDx
778XG	Comprehensive Epilepsy Panel	PerkinElmer Genomics
7UUBG	Comprehensive Epilepsy Panel, Sequencing and Deletion/Duplication	ARUP Laboratories
7BNUG	Comprehensive Epilepsy With or Without Encephalopathy Gene Panel, Varies	Mayo Clinic Laboratories



<b>GTU</b>	<b>Test Name</b>	<b>Laboratory Name</b>
<b>78FGG</b>	Early Infantile Epileptic Encephalopathy (EIEE) Panel	The University of Chicago Genetic Services
<b>77V3G</b>	Early Infantile Epileptic Encephalopathy NGS Panel	Greenwood Genetic Center - Molecular Diagnostic Laboratory
<b>77FPG</b>	Early Infantile Epileptic Encephalopathy Panel	PreventionGenetics, part of Exact Sciences
<b>5DRKG</b>	Early Onset Epileptic Encephalopathy NGS Panel (Deletion/Duplication Only)	Fulgent Genetics
<b>78CPG</b>	Early Onset Epileptic Encephalopathy NGS Panel (Sequencing & Deletion/Duplication)	Fulgent Genetics
<b>77TTG</b>	Early Onset Epileptic Encephalopathy NGS Panel (Sequencing Only)	Fulgent Genetics
<b>77GTG</b>	Epilepsy Advanced Sequencing and CNV Evaluation	Athena Diagnostics Inc
<b>78FNG</b>	Epilepsy Advanced Sequencing and CNV Evaluation - Epileptic Encephalopathy	Athena Diagnostics Inc
<b>77J4G</b>	Epilepsy Advanced Sequencing and CNV Evaluation - Generalized, Absence, Focal, Febrile and Myoclonic Epilepsies	Athena Diagnostics Inc
<b>77HNG</b>	Epilepsy Advanced Sequencing and CNV Evaluation - Infantile Spasms	Athena Diagnostics Inc
<b>78FPG</b>	Epilepsy Advanced Sequencing and CNV Evaluation - Intellectual Disability	Athena Diagnostics Inc
<b>77HQG</b>	Epilepsy Advanced Sequencing and CNV Evaluation - Syndromic Disorders	Athena Diagnostics Inc
<b>7DP9G</b>	Epilepsy and Seizure Panel	PreventionGenetics, part of Exact Sciences
<b>5DSFG</b>	Epilepsy Comprehensive NGS Panel (Deletion/Duplication Only)	Fulgent Genetics
<b>7724G</b>	Epilepsy Comprehensive NGS Panel (Sequencing & Deletion/Duplication)	Fulgent Genetics
<b>77D4G</b>	Epilepsy Comprehensive NGS Panel (Sequencing Only)	Fulgent Genetics
<b>6DDAG</b>	Epilepsy Deletion/Duplication Panel	GeneDx
<b>77GZG</b>	Epilepsy Exome	The University of Chicago Genetic Services
<b>772EG</b>	EPILEPSY GENE PANEL COMPREHENSIVE	Ann and Robert Lurie Children's Hospital of Chicago
<b>77HKG</b>	EPILEPSY GENE PANEL, COMPREHENSIVE WHEN ADFLE GENES NEGATIVE	Ann and Robert Lurie Children's Hospital of Chicago
<b>772DG</b>	EPILEPSY GENE PANEL, COMPREHENSIVE WHEN INFANTILE PANEL NEGATIVE	Ann and Robert Lurie Children's Hospital of Chicago

GTU	Test Name	Laboratory Name
78FKG	EPILEPSY GENE PANEL, COMPREHENSIVE WHEN THERAPEUTIC PANEL NEGATIVE	Ann and Robert Lurie Children's Hospital of Chicago
77HJG	EPILEPSY GENE PANEL, INFANTILE	Ann and Robert Lurie Children's Hospital of Chicago
34NLG	EPILEPSY GENE PANEL, NOCTURNAL FRONTAL LOBE	Ann and Robert Lurie Children's Hospital of Chicago
77YAG	EPILEPSY GENE PANEL, THERAPEUTIC	Ann and Robert Lurie Children's Hospital of Chicago
7V2RG	Epilepsy Panel	Baylor Genetics, LLC
78FEG	Epilepsy Panel	Children's Hospital of Philadelphia - Division of Genomic Diagnostics
7XHKG	Epilepsy Panel	Nationwide Children's Hospital - Cytogenetics and Molecular Genetics Laboratory
79Q4G	Epilepsy panel - NGS Panel (CNV included)	Centogene
77Y5G	Epilepsy/Seizure NGS Panel	Greenwood Genetic Center - Molecular Diagnostic Laboratory
77LQG	Epilepsy/Seizures panel	Knight Molecular Diagnostic
78G2G	EpilepsyNext	Ambry Genetics
78GSG	EpilepsyNext-Expanded	Ambry Genetics
776GG	Epileptic Encephalopathy (NGS Panel and Copy Number Analysis)	MNG Laboratories
86PAG	EpiPanelDxPLUS	Bionano Laboratories
772UG	EpiRapid	Ambry Genetics
775EG	EpiXpanded Panel	GeneDx
6YMKG	Genomic Unity Epilepsy Analysis	Varietyx, Inc.
77P9G	Infantile Epilepsy Panel	Knight Molecular Diagnostic
787MG	Infantile Epilepsy Panel	PerkinElmer Genomics
3Q7DG	Infantile Spasms NGS Panel (Deletion/Duplication Only)	Fulgent Genetics
76XZG	Infantile Spasms NGS Panel (Sequencing & Deletion/Duplication)	Fulgent Genetics
76WJG	Infantile Spasms NGS Panel (Sequencing Only)	Fulgent Genetics
76TEG	Invitae Epilepsy Panel	Invitae Corporation
7WZ6G	Invitae Epilepsy Panel - UNLOCKBTS	Invitae Corporation
7834G	Invitae Epilepsy Panel-Add-on Preliminary-evidence Genes for Epilepsy	Invitae Corporation

GTU	Test Name	Laboratory Name
7WZ7G	Invitae Epilepsy Panel-Add-on Preliminary-evidence Genes for Epilepsy - UNLOCKBTS	Invitae Corporation
5DQXG	Neonatal Epilepsy NGS Panel (Deletion/Duplication Only)	Fulgent Genetics
77VEG	Neonatal Epilepsy NGS Panel (Sequencing & Deletion/Duplication)	Fulgent Genetics
77VNG	Neonatal Epilepsy NGS Panel (Sequencing Only)	Fulgent Genetics
78HSG	PGmax™ - Comprehensive Epilepsy and Seizure Panel	PreventionGenetics, part of Exact Sciences
77XKG	PGXome Custom - Early Epileptic Encephalopathy, Dominant and X-linked	PreventionGenetics, part of Exact Sciences
7764G	PGXome Custom - Early Infantile Epileptic Encephalopathy, Dominant and X-linked	PreventionGenetics, part of Exact Sciences
78EUG	PGXome Custom - Early Infantile Epileptic Encephalopathy, Recessive	PreventionGenetics, part of Exact Sciences
7B4AG	STAT Comprehensive Epilepsy Panel	PerkinElmer Genomics
7V2QG	STAT Epilepsy Panel	Baylor Genetics, LLC
7AY4G	STAT Infantile Epilepsy Panel	PerkinElmer Genomics

### Evidence-Based Lung Cancer Diagnostic Algorithmic Tests

GTU	Test Name	Laboratory Name
6USVG	Nodify XL2	Biodesix

### Exome Sequencing Tests

GTU	Test Name	Laboratory Name
7AY2G	Add Familial Report to Previous Whole Exome Sequencing TRIO Test	PerkinElmer Genomics
79AQG	Centodx - NGS Panel	Centogene
79ARG	CentolCV - NGS Panel (CNV included)	Centogene
46YFG	CHOP Medical Exome	Children's Hospital of Philadelphia - Division of Genomic Diagnostics

<b>GTU</b>	<b>Test Name</b>	<b>Laboratory Name</b>
<b>46WXG</b>	CHOP Medical Exome + MitoGenome Combined Test	Children's Hospital of Philadelphia - Division of Genomic Diagnostics
<b>6RG2G</b>	Chromosomal Sequencing Analysis (Sequencing & Deletion/Duplication)	Fulgent Genetics
<b>77JAG</b>	Clinical Exome (Sequencing & Del/Dup) Trio	Fulgent Genetics
<b>77YSG</b>	Clinical Exome (Sequencing & Deletion/Duplication)	Fulgent Genetics
<b>78GBG</b>	Clinical Exome (Sequencing Only)	Fulgent Genetics
<b>7XYWG</b>	Clinical Exome (Sequencing) Trio	DNA Diagnostic Laboratory - Johns Hopkins Hospital
<b>78GCG</b>	Clinical Exome (Sequencing) Trio	Fulgent Genetics
<b>7BMXG</b>	Clinical Exome (Sequencing) Trio	Johns Hopkins Medical Institutions - Pathology Laboratory
<b>24C9G</b>	Clinical Exome Sequencing - Duo (Proband and 1 family member)	UCLA Diagnostic Molecular Pathology Laboratory
<b>2WCZG</b>	Clinical Exome Sequencing - Exome re-analysis	UCLA Diagnostic Molecular Pathology Laboratory
<b>33B2G</b>	Clinical Exome Sequencing - Family Trio (Proband and two family members preferred)	UCLA Diagnostic Molecular Pathology Laboratory
<b>2XH2G</b>	Clinical Exome Sequencing - Individual/Proband only	UCLA Diagnostic Molecular Pathology Laboratory
<b>2ZN9G</b>	Clinical Exome Sequencing - Quad (Proband and 3 family members)	UCLA Diagnostic Molecular Pathology Laboratory
<b>7XYZG</b>	Clinical Exome Sequencing (Duo)	DNA Diagnostic Laboratory - Johns Hopkins Hospital
<b>7BMKG</b>	Clinical Exome Sequencing (Duo)	Johns Hopkins Medical Institutions - Pathology Laboratory
<b>7XYYG</b>	Clinical Exome Sequencing (Proband Only)	DNA Diagnostic Laboratory - Johns Hopkins Hospital
<b>7BMVG</b>	Clinical Exome Sequencing (Proband Only)	Johns Hopkins Medical Institutions - Pathology Laboratory
<b>7XYXG</b>	Clinical Exome Sequencing (Quad)	DNA Diagnostic Laboratory - Johns Hopkins Hospital
<b>7BMWG</b>	Clinical Exome Sequencing (Quad)	Johns Hopkins Medical Institutions - Pathology Laboratory
<b>7Y9GG</b>	Columbia Diagnostic Exome (CDEX)	Columbia University - Personalized Genomic Medicine
<b>7TYRG</b>	Critical Trio Whole Exome Sequencing	University of Michigan - Michigan Medical Genetics Laboratories
<b>7VBYG</b>	Duo Exome	AiLife Diagnostics
<b>86SUG</b>	Duo Whole Exome Sequencing	Baylor Genetics, LLC
<b>7YA5G</b>	Exome Analysis	Children's Hospital Colorado Precision Diagnostics Laboratory
<b>3V27G</b>	Exome Select	The University of Chicago Genetic Services
<b>7UNTG</b>	Exome Sequencing	ARUP Laboratories

<b>GTU</b>	<b>Test Name</b>	<b>Laboratory Name</b>
<b>7VSBG</b>	Exome Sequencing	University of Washington Medical Center - Laboratory Medicine-Genetics Laboratory
<b>2KSYG</b>	Exome Sequencing (Proband Only)	The University of Chicago Genetic Services
<b>2G2KG</b>	Exome Sequencing (Proband)	Northwest Clinical Genomics Lab
<b>4GMQG</b>	Exome Sequencing (Trio)	The University of Chicago Genetic Services
<b>4M9ZG</b>	Exome Sequencing Comparator	Northwest Clinical Genomics Lab
<b>2WWZG</b>	Exome Sequencing Re-analysis	Northwest Clinical Genomics Lab
<b>7VSAG</b>	Exome Sequencing Result	University of Washington Medical Center - Laboratory Medicine-Genetics Laboratory
<b>53RNG</b>	Exome Sequencing Symptom-Guided Analysis	UCSD - Molecular Diagnostics & Cytogenetics Laboratory
<b>4N3SG</b>	Exome Sequencing Trio	Northwest Clinical Genomics Lab
<b>7UNSG</b>	Exome Sequencing, Familial Control	ARUP Laboratories
<b>46SRG</b>	Exome, Family Member	Children's Hospital of Philadelphia - Division of Genomic Diagnostics
<b>2YZMG</b>	ExomeNext-Duo	Ambry Genetics
<b>28FHG</b>	ExomeNext-Duo plus mtDNA	Ambry Genetics
<b>2YZRG</b>	ExomeNext-Proband	Ambry Genetics
<b>2YZQG</b>	ExomeNext-Proband plus mtDNA	Ambry Genetics
<b>2YZVG</b>	ExomeNext-Trio	Ambry Genetics
<b>5U8XG</b>	ExomeNext-Trio plus mtDNA	Ambry Genetics
<b>7XW6G</b>	ExomeReveal™	Ambry Genetics
<b>33Z3G</b>	ExomeSeq - Whole Exome Sequencing	Cincinnati Children's Hospital Medical Center - Molecular Genetics and Cytogenetics Laboratories
<b>7TLGG</b>	Expanded Exome Upgrade per Sample	Praxis Genomics, LLC
<b>7TLMG</b>	Expanded Exome, 4 Sample	Praxis Genomics, LLC
<b>7TLKG</b>	Expanded Exome, Duo	Praxis Genomics, LLC
<b>7TLJG</b>	Expanded Exome, Proband	Praxis Genomics, LLC
<b>7TLLG</b>	Expanded Exome, Trio	Praxis Genomics, LLC
<b>7A7AG</b>	Family Member Comparator Specimen for Exome Sequencing, Varies	Mayo Clinic Laboratories

<b>GTU</b>	<b>Test Name</b>	<b>Laboratory Name</b>
<b>7WZQG</b>	Family Targeted Testing	AiLife Diagnostics
<b>7XW3G</b>	GeneDx Epilepsy Partnership – XomeDx® - Duo	GeneDx
<b>7XW4G</b>	GeneDx Epilepsy Partnership – XomeDx® - Proband	GeneDx
<b>7XW5G</b>	GeneDx Epilepsy Partnership – XomeDx® - Trio	GeneDx
<b>6ZSHG</b>	Genomic Unity Exome Analysis	Varietyx, Inc.
<b>7ABTG</b>	Genomic Unity Exome Plus Analysis	Varietyx, Inc.
<b>2BFBG</b>	GML Exome Family Member Peripheral blood draw	UCSF Molecular Diagnostics Laboratory
<b>7WADG</b>	Hereditary Exome Family Member	University of Minnesota Physicians Outreach Laboratory
<b>7W4ZG</b>	Hereditary Whole Exome Sequencing	University of Minnesota Physicians Outreach Laboratory
<b>78GXG</b>	IMMUNOLOGY EXOME	Cincinnati Children's Hospital Medical Center - Molecular Genetics and Cytogenetics Laboratories
<b>6S7CG</b>	Invitae Exome, Duo	Invitae Corporation
<b>6S7DG</b>	Invitae Exome, Proband-Only	Invitae Corporation
<b>6RLHG</b>	MNG Exome Additional Comparator (only available when trio is ordered)	MNG Laboratories
<b>6RLRG</b>	MNG Exome DUO Sequencing	MNG Laboratories
<b>78DUG</b>	MNG Exome DUO Sequencing + mtDNA	MNG Laboratories
<b>6RLPG</b>	MNG Exome Proband Only Sequencing	MNG Laboratories
<b>6RLJG</b>	MNG Exome Proband Only Sequencing + mtDNA	MNG Laboratories
<b>6RGKG</b>	MNG Exome TRIO Sequencing	MNG Laboratories
<b>77FXG</b>	MNG Exome TRIO Sequencing + mtDNA	MNG Laboratories
<b>4AVGG</b>	NextStepDx PLUS	Bionano Laboratories
<b>7YA4G</b>	Panel Reflex to Exome Analysis	Children's Hospital Colorado Precision Diagnostics Laboratory
<b>5E4FG</b>	PGxome Diagnostic Exome Test - Duo	PreventionGenetics, part of Exact Sciences
<b>5E5HG</b>	PGxome Diagnostic Exome Test - Trio	PreventionGenetics, part of Exact Sciences
<b>5E3RG</b>	PGxome Diagnostic Exome Test Patient Only	PreventionGenetics, part of Exact Sciences
<b>6LUFG</b>	PGxome Prenatal Exome Test - Duo	PreventionGenetics, part of Exact Sciences
<b>5NGYG</b>	PGxome Prenatal Exome Test - Trio	PreventionGenetics, part of Exact Sciences

<b>GTU</b>	<b>Test Name</b>	<b>Laboratory Name</b>
<b>6LUGG</b>	PGxome Prenatal Exome Test Patient Only	PreventionGenetics, part of Exact Sciences
<b>6QZHG</b>	Prenatal Exome Sequencing	Greenwood Genetic Center - Molecular Diagnostic Laboratory
<b>7BM3G</b>	PRENATAL EXOMESEQ	Cincinnati Children's Hospital Medical Center - Molecular Genetics and Cytogenetics Laboratories
<b>55S7G</b>	Prenatal Trio Whole Exome Sequencing	Baylor Genetics, LLC
<b>7VBUG</b>	Proband Exome	AiLife Diagnostics
<b>2ZBFG</b>	Proband Whole Exome Sequencing	Baylor Genetics, LLC
<b>27YXG</b>	Proband Whole Exome Sequencing + Chromosomal Microarray Analysis (CMA) (Comprehensive)	Baylor Genetics, LLC
<b>76VCG</b>	Proband Whole Exome Sequencing + Comprehensive mtDNA Analysis	Baylor Genetics, LLC
<b>7XAXG</b>	Rapid Whole Exome Sequencing Patient Only	Nationwide Children's Hospital - Cytogenetics and Molecular Genetics Laboratory
<b>2BJCG</b>	Reanalysis and Interpretation for WES (Internal)	PerkinElmer Genomics
<b>2LFVG</b>	REFLEX to Exome Sequencing	Northwest Clinical Genomics Lab
<b>6DM5G</b>	Reflex to Whole Exome after Slice (Proband Only)	GeneDx
<b>365BG</b>	Reflex to Whole Exome after Slice (Trio)	GeneDx
<b>7B6CG</b>	Reflex to Whole Exome Sequencing (from panel)	PerkinElmer Genomics
<b>2G7GG</b>	Sequential Trio Whole Exome Sequencing	Baylor Genetics, LLC
<b>7X4AG</b>	Somatic Disease/Germline Comparator Exome	Nationwide Children's Hospital - Cytogenetics and Molecular Genetics Laboratory
<b>348XG</b>	Total BluePrint Panel	Baylor Genetics, LLC
<b>7VBWG</b>	Trio Exome	AiLife Diagnostics
<b>6QQMG</b>	Trio Whole Exome Sequencing	Baylor Genetics, LLC
<b>776NG</b>	Trio Whole Exome Sequencing + Comprehensive mtDNA Analysis	Baylor Genetics, LLC
<b>2BFEG</b>	UCSF Genomics Blood Draw	UCSF Molecular Diagnostics Laboratory
<b>2LNHG</b>	WES - Additional Affected Sibling	Baylor Genetics, LLC
<b>22DJG</b>	WES Single or Multi-Sample (Duo, Trio, Quad, etc.)	Medical College of Wisconsin - Human and Molecular Genetics Center
<b>2TFEG</b>	Whole Exome (Sequencing & Del/Dup) Trio	Fulgent Genetics
<b>3JD6G</b>	Whole Exome (Sequencing & Deletion/Duplication)	Fulgent Genetics

<b>GTU</b>	<b>Test Name</b>	<b>Laboratory Name</b>
<b>3FAPG</b>	Whole Exome (Sequencing Only)	Fulgent Genetics
<b>3AALG</b>	Whole Exome (Sequencing) Trio	Fulgent Genetics
<b>7DQDG</b>	Whole Exome and Mitochondrial Genome Sequencing, Varies	Mayo Clinic Laboratories
<b>2Z7LG</b>	Whole Exome Sequencing	Gene by Gene
<b>6QZFG</b>	Whole Exome Sequencing	Greenwood Genetic Center - Molecular Diagnostic Laboratory
<b>7WZRG</b>	Whole Exome Sequencing	Otogenetics
<b>7RSXG</b>	Whole Exome Sequencing	Rady Children's Institute for Genomic Medicine
<b>7R8CG</b>	Whole Exome Sequencing	Washington University in St. Louis Genomics and Pathology Services
<b>5JQPG</b>	Whole Exome Sequencing - DUO (Proband)	LabCorp
<b>7PQEG</b>	Whole Exome Sequencing – DUO (Proband), Products of Conception (POC)	LabCorp
<b>7X3VG</b>	Whole Exome Sequencing - Parental Sample	Nationwide Children's Hospital - Cytogenetics and Molecular Genetics Laboratory
<b>5JR8G</b>	Whole Exome Sequencing - Proband Only	LabCorp
<b>7PQFG</b>	Whole Exome Sequencing – Proband Only, Products of Conception (POC)	LabCorp
<b>7X4BG</b>	Whole Exome Sequencing - Reanalysis	Nationwide Children's Hospital - Cytogenetics and Molecular Genetics Laboratory
<b>5XKLG</b>	Whole Exome Sequencing - TRIO (Proband)	LabCorp
<b>7PQDG</b>	Whole Exome Sequencing – TRIO (Proband), Products of Conception (POC)	LabCorp
<b>6LSZG</b>	Whole Exome Sequencing Comparator - Additional FM	LabCorp
<b>6LT2G</b>	Whole Exome Sequencing Comparator - Father	LabCorp
<b>6LSYG</b>	Whole Exome Sequencing Comparator - Mother	LabCorp
<b>7A7EG</b>	Whole Exome Sequencing for Hereditary Disorders , Varies	Mayo Clinic Laboratories
<b>3SMCG</b>	Whole Exome Sequencing Proband Only	PerkinElmer Genomics
<b>7AYYG</b>	Whole Exome Sequencing QUAD	PerkinElmer Genomics
<b>7VXCG</b>	Whole Exome Sequencing Reflex	Baylor Genetics, LLC
<b>2DR8G</b>	Whole Exome Sequencing TRIO	PerkinElmer Genomics
<b>7AYLG</b>	Whole Exome Sequencing, DUO	PerkinElmer Genomics



<b>GTU</b>	<b>Test Name</b>	<b>Laboratory Name</b>
<b>2D8LG</b>	Whole Exome Sequencing: Duo Analysis	University of Wisconsin - Madison WSLH - UW Cytogenetic Services
<b>2DR9G</b>	Whole Exome Sequencing: Proband Analysis Only	University of Wisconsin - Madison WSLH - UW Cytogenetic Services
<b>33NTG</b>	Whole Exome Sequencing: Trio Analysis	University of Wisconsin - Madison WSLH - UW Cytogenetic Services
<b>5FMPG</b>	Whole exome via NGS (Duo with full parental report)	Allele Diagnostics
<b>5FMNG</b>	Whole exome via NGS (Proband only)	Allele Diagnostics
<b>5FMQG</b>	Whole exome via NGS (Trio with full parental reports)	Allele Diagnostics
<b>24C4G</b>	Whole exome via NGS (Trio with proband report only)	Allele Diagnostics
<b>7WZHG</b>	Whole Exome with RISE Analysis (RNA-Seq) (Sequencing & Deletion/Duplication)	Fulgent Genetics
<b>7TLFG</b>	Whole Exome, 4 Sample	Praxis Genomics, LLC
<b>7TLDG</b>	Whole Exome, Duo	Praxis Genomics, LLC
<b>7TLCG</b>	Whole Exome, Proband	Praxis Genomics, LLC
<b>7TLEG</b>	Whole Exome, Trio	Praxis Genomics, LLC
<b>7YANG</b>	Xenome ID	Advanced Molecular Diagnostics, LLC
<b>7YAMG</b>	Xenome Plus	Advanced Molecular Diagnostics, LLC
<b>6L9SG</b>	XomeDx - Proband	GeneDx
<b>6RVYG</b>	XomeDx - Trio	GeneDx
<b>6L9QG</b>	XomeDx - Duo	GeneDx
<b>7TVKG</b>	XomeDx Express (GeneDx), Blood	University of Michigan - Michigan Medical Genetics Laboratories
<b>7TVLG</b>	XomeDx Express, Buccal Swab	University of Michigan - Michigan Medical Genetics Laboratories
<b>4JJWG</b>	XomeDx Fetal - Duo	GeneDx
<b>7DQWG</b>	XomeDx Plus - Duo	GeneDx
<b>77MHG</b>	XomeDx Plus - Proband	GeneDx
<b>77M2G</b>	XomeDx Plus - Trio	GeneDx
<b>7TV8G</b>	XomeDx Plus- Duo, blood	University of Michigan - Michigan Medical Genetics Laboratories
<b>7TV7G</b>	XomeDx Plus- Duo, buccal kit	University of Michigan - Michigan Medical Genetics Laboratories
<b>7TVBG</b>	XomeDx Plus- Proband, blood	University of Michigan - Michigan Medical Genetics Laboratories
<b>7TV9G</b>	XomeDx Plus- Trio, blood	University of Michigan - Michigan Medical Genetics Laboratories

GTU	Test Name	Laboratory Name
7TVCG	XomeDX Plus-Trio, buccal kit	University of Michigan - Michigan Medical Genetics Laboratories
2W48G	XomeDx Prenatal - Comprehensive	GeneDx
7WKBG	XomeDx to GeneDx	University of Minnesota Physicians Outreach Laboratory
46N6G	XomeDx Trio	Children's Hospital of Philadelphia - Division of Genomic Diagnostics
4HM8G	XomeDxFetal- Proband	GeneDx
4GZRG	XomeDxFetal- Trio	GeneDx
46J4G	XomeDxPlus Proband	Children's Hospital of Philadelphia - Division of Genomic Diagnostics
46V3G	XomeDxPlus Trio	Children's Hospital of Philadelphia - Division of Genomic Diagnostics

### Expanded Carrier Panel Tests

GTU	Test Name	Laboratory Name
7SSBG	Beacon 787-Expanded Carrier Screening Panel (With X-linked Disorders) (Sequencing & Deletion/Duplication)	Fulgent Genetics
7SSCG	Beacon 787-Expanded Carrier Screening Panel (Without X-linked Disorders) (Sequencing & Deletion/Duplication)	Fulgent Genetics
86GSG	Beacon ACMG Tier 3 Female Carrier Screening Panel (Sequencing & Deletion/Duplication)	Fulgent Genetics
86GTG	Beacon ACMG Tier 3 Male Carrier Screening Panel (Sequencing & Deletion/Duplication)	Fulgent Genetics
6LMNG	Beacon ACOG/ACMG Female Carrier Screening Panel (Sequencing & Deletion/Duplication)	Fulgent Genetics
5DRBG	Beacon ACOG/ACMG Male Carrier Screening Panel (Sequencing & Deletion/Duplication)	Fulgent Genetics
78HAG	Beacon Expanded Female Carrier Screening Panel (Sequencing & Deletion/Duplication)	Fulgent Genetics
77ZHG	Beacon Expanded Female Carrier Screening Plus Panel (Sequencing & Deletion/Duplication)	Fulgent Genetics
77ZJG	Beacon Expanded Male Carrier Screening Panel (Sequencing & Deletion/Duplication)	Fulgent Genetics
7743G	Beacon Expanded Male Carrier Screening Plus Panel (Sequencing & Deletion/Duplication)	Fulgent Genetics
77K3G	Beacon Focus Female Carrier Screening Panel (Sequencing & Deletion/Duplication)	Fulgent Genetics

<b>GTU</b>	<b>Test Name</b>	<b>Laboratory Name</b>
<b>78HBG</b>	Beacon Focus Male Carrier Screening Panel (Sequencing & Deletion/Duplication)	Fulgent Genetics
<b>7WZBG</b>	Beacon Preconception 787-Expanded Carrier Screening Panel (With X-linked Disorders and Opt-In) (Sequencing & Deletion/Duplication)	Fulgent Genetics
<b>7WZCG</b>	Beacon Preconception 787-Expanded Carrier Screening Panel (Without X-linked Disorders; With Opt-In) (Sequencing & Deletion/Duplication)	Fulgent Genetics
<b>7WZDG</b>	Beacon Preconception ACMG Tier 3 Carrier Screening (With X-linked Disorders and Opt-In) (Sequencing & Deletion/Duplication)	Fulgent Genetics
<b>7WZEG</b>	Beacon Preconception ACMG Tier 3 Carrier Screening (Without X-linked Disorders; With Opt-In) (Sequencing & Deletion/Duplication)	Fulgent Genetics
<b>7WZ9G</b>	Beacon Preconception Expanded Carrier Screening (With X-linked Disorders and Opt-In) (Sequencing & Deletion/Duplication)	Fulgent Genetics
<b>7WZAG</b>	Beacon Preconception Expanded Carrier Screening (Without X-linked Disorders; With Opt-In) (Sequencing & Deletion/Duplication)	Fulgent Genetics
<b>7QH4G</b>	CARRIER SCREEN - CLASSIC, FEMALE (24 GENE PANEL)	Clinical Pathology Laboratories
<b>7QH5G</b>	CARRIER SCREEN - CLASSIC, MALE (22 GENE PANEL)	Clinical Pathology Laboratories
<b>7QGZG</b>	CARRIER SCREEN - COMPLETE, MALE (147 GENE PANEL)	Clinical Pathology Laboratories
<b>79SAG</b>	Carrier Screening (Horizon)	ProPath
<b>6U8PG</b>	Common Carrier Screening Panel	Connective Tissue Gene Tests
<b>7V3RG</b>	Comprehensive Carrier Screening Panel for Genetic Conditions	Genesys Diagnostics Inc
<b>78GTG</b>	Expanded Carrier Screen by Next Generation Sequencing with Fragile X	ARUP Laboratories
<b>7832G</b>	Expanded Carrier Screening	UCSF Molecular Diagnostics Laboratory
<b>86D7G</b>	Extended Carrier Screening Panel	Connective Tissue Gene Tests
<b>6RN4G</b>	Foresight Fundamental Plus panel	Myriad Genetics
<b>78HYG</b>	Foresight Universal Panel Carrier Screen	Myriad Genetics
<b>34P9G</b>	FUNDAMENTAL PLUS 2528 (COUNSYL)	Enzo Clinical Labs
<b>7V27G</b>	GeneAware - Complete Panel - Female	Baylor Genetics, LLC

<b>GTU</b>	<b>Test Name</b>	<b>Laboratory Name</b>
<b>7V22G</b>	GeneAware - Complete Panel - Male	Baylor Genetics, LLC
<b>7V26G</b>	GeneAware™ ACMG & ACOG Panel (Female)	Baylor Genetics, LLC
<b>7UZZG</b>	GeneAware™ ACMG & ACOG Panel (Male)	Baylor Genetics, LLC
<b>7V24G</b>	GeneAware™ Expanded Panel (Female)	Baylor Genetics, LLC
<b>7UZXG</b>	GeneAware™ Expanded Panel (Male)	Baylor Genetics, LLC
<b>7VXPG</b>	GeneAware™ Expanded Plus Panel (Female)	Baylor Genetics, LLC
<b>7VXQG</b>	GeneAware™ Expanded Plus Panel (Male)	Baylor Genetics, LLC
<b>6343G</b>	GeneSeq PLUS	Integrated Genetics
<b>7SVAG</b>	GeneSeq PLUS	LabCorp
<b>3NY2G</b>	GeneSeq PLUS without VUS	Integrated Genetics
<b>4ZMUG</b>	GeneSeq PLUS without VUS, Prenatal	Integrated Genetics
<b>2AL5G</b>	GeneSeq PLUS, Prenatal	Integrated Genetics
<b>7X2CG</b>	GxVISION Carrier Screening Test ACOG/ACMG with CF	Otogenetics
<b>7X29G</b>	GxVISION Carrier Screening Test Pan-Ethnic Carrier Screening	Otogenetics
<b>7759G</b>	Horizon 14 (14 disease panel)	Natera
<b>7758G</b>	Horizon 27 (27 disease Pan-ethnic Standard panel)	Natera
<b>7757G</b>	Horizon 274 (274 disease Pan-ethnic Extended panel)	Natera
<b>72ESG</b>	Horizon 421	Natera
<b>7A7WG</b>	Horizon ACMG Panel	Natera
<b>6V4QG</b>	INHERIGEN	GenPath Diagnostics
<b>6UWPG</b>	INHERIGEN PLUS	GenPath Diagnostics
<b>6Y5WG</b>	InheriGenTx	BioReference Laboratories
<b>7SUSG</b>	Inheritest 100 PLUS Panel	LabCorp
<b>7SUTG</b>	Inheritest 300 PLUS Panel	LabCorp
<b>77LMG</b>	Inheritest 500 PLUS Panel	Integrated Genetics
<b>77BTG</b>	Inheritest 500 PLUS Panel	LabCorp
<b>7SURG</b>	Inheritest High Frequency Panel	LabCorp

GTU	Test Name	Laboratory Name
7838G	Inheritest 500 PLUS with Repro Partners Report	Integrated Genetics
77ENG	Inheritest Carrier Screen - Society Guided Panel (14 Genes)	Integrated Genetics
7SRSG	M Beacon Focus B, 14 Gene Panel	LabCorp
7ZPEG	MYRIAD FORESIGHT CARRIER SCREENING	University of Illinois at Chicago - Biochemical Genetics Laboratory
784RG	MYRIAD WOMEN\\\'S HEALTH FAMILY PREP SCREEN 2	University of California Davis Health System - UCDCM - Molecular and Cytogenetic Laboratory
78NPG	Natera One Panel	ProPath
3EHWG	NewbornGenID	Advanced Molecular Diagnostics, LLC
2D58G	NewbornGenID include Fragile X (Female Patients Only)	Advanced Molecular Diagnostics, LLC
7SUAG	QHerit; 381 Diseases, Male	Quest Diagnostics
7XWVG	QHerit; 4 Diseases, Male	Quest Diagnostics
7VXWG	QHerit; 400 Diseases, Male	Quest Diagnostics
7SU9G	QHerit; 421 Diseases, Female	Quest Diagnostics
7VXXG	QHerit; 445 Diseases, Female	Quest Diagnostics
7XWUG	QHerit; 6 Diseases, Female	Quest Diagnostics
6UVXG	QHerit; Expanded Carrier Screen	Quest Diagnostics
7DHGG	QHerit; Extended, Female	Quest Diagnostics
7DHHG	QHerit; Extended, Male	Quest Diagnostics
7DHJG	QHerit; Plus, Female	Quest Diagnostics
7DHKG	QHerit; Plus, Male	Quest Diagnostics
4TGTG	UNIVERSAL GENETIC TEST 2521 (COUNSYL)	Enzo Clinical Labs
4B77G	UNIVERSAL PANEL PLUS THROMBOPHILIAS 2524 (COUNSYL)	Enzo Clinical Labs
4CK8G	UNIVERSAL PLUS GENETICS TEST 2522 (COUNSYL)	Enzo Clinical Labs

### Genome Reanalysis Tests (Interpretation Only)

GTU	Test Name	Laboratory Name
7B8KG	Analysis and Interpretation of Whole Genome Sequencing External Data	PerkinElmer Genomics

GTU	Test Name	Laboratory Name
7TL3G	External Data Analysis, 4 Sample	Praxis Genomics, LLC
7TKZG	External Data Analysis, Duo	Praxis Genomics, LLC
7TKYG	External Data Analysis, Proband	Praxis Genomics, LLC
7TL2G	External Data Analysis, Trio	Praxis Genomics, LLC
2LUBG	GenomeSeqDx 2nd Reanalysis	GeneDx
2WWMG	GenomeSeqDx Reanalysis	GeneDx
7VP7G	Reanalysis and Interpretation of Previous RVTY Whole Genome DUO Sequencing Test	PerkinElmer Genomics
7AXXG	Reanalysis and Interpretation of Previous RVTY Whole Genome Proband Sequencing Test	PerkinElmer Genomics
7VP6G	Reanalysis and Interpretation of Previous RVTY Whole Genome QUAD Sequencing Test	PerkinElmer Genomics
7C4HG	Reanalysis and Interpretation of Previous RVTY Whole Genome TRIO Sequencing Test	PerkinElmer Genomics
7VP8G	Reanalysis of Secondary Findings of Previous RVTY Test	PerkinElmer Genomics
7V2YG	WGS Reanalysis	Baylor Genetics, LLC
7T4HG	Whole Genome Reanalysis	ARUP Laboratories
7SAUG	Whole Genome Sequencing Reanalysis, Varies	Mayo Clinic Laboratories

## Genome Sequencing Tests

GTU	Test Name	Laboratory Name
7AY3G	Add Familial Report to Previous Whole Genome Sequencing TRIO Test	PerkinElmer Genomics
7V9YG	Duo WGS	AI Life Diagnostics
86SWG	Duo Whole Genome Sequencing	Baylor Genetics, LLC
7SC9G	Family Member Comparator Specimen for Genome Sequencing, Varies	Mayo Clinic Laboratories
7TVEG	Genome Express	University of Michigan - Michigan Medical Genetics Laboratories
7XC6G	Genome Sequencing-Parent Sample	Nationwide Children's Hospital - Cytogenetics and Molecular Genetics Laboratory
7VRMG	GenomeSeqDx - Duo	GeneDx

<b>GTU</b>	<b>Test Name</b>	<b>Laboratory Name</b>
<b>7VRNG</b>	GenomeSeqDx - Proband	GeneDx
<b>6DX7G</b>	GenomeSeqDx - Trio	GeneDx
<b>749YG</b>	Genomic Unity® Whole Genome Analysis	Varietyx, Inc.
<b>2NVZG</b>	GenomX Sequencing Test	Gene by Gene
<b>86PCG</b>	IriSight™? Comprehensive Analysis – Prenatal	Varietyx, Inc.
<b>6R9PG</b>	MNGenome Additional Comparator (only available when trio is ordered)	MNG Laboratories
<b>6R9SG</b>	MNGenome DUO Sequencing	MNG Laboratories
<b>6R9QG</b>	MNGenome Proband Only Sequencing	MNG Laboratories
<b>6RLTG</b>	MNGenome TRIO Sequencing	MNG Laboratories
<b>4E8TG</b>	PGnome Health Screen	PreventionGenetics, part of Exact Sciences
<b>6S6NG</b>	PGnome® Diagnostic - Duo	PreventionGenetics, part of Exact Sciences
<b>6S6QG</b>	PGnome® Diagnostic - Trio	PreventionGenetics, part of Exact Sciences
<b>6LTUG</b>	PGnome™ - Whole Genome Sequencing Patient Only	PreventionGenetics, part of Exact Sciences
<b>7V9UG</b>	Proband WGS	AiLife Diagnostics
<b>86SXG</b>	Proband Whole Genome Sequencing	Baylor Genetics, LLC
<b>7XC8G</b>	Rapid Genome Sequencing - Parent Sample	Nationwide Children's Hospital - Cytogenetics and Molecular Genetics Laboratory
<b>7XCAG</b>	Reanalysis Genome Sequencing-Parent Sample	Nationwide Children's Hospital - Cytogenetics and Molecular Genetics Laboratory
<b>7RVSG</b>	Reflex to Whole Genome Sequencing (from genome panels)	PerkinElmer Genomics
<b>7RQAG</b>	Standard/DxO Whole Genome Sequencing Additional Family Member	Rady Children's Institute for Genomic Medicine
<b>7RQBG</b>	Standard/DxO Whole Genome Sequencing Proband Only	Rady Children's Institute for Genomic Medicine
<b>7RQCG</b>	Standard/DxO Whole Genome Sequencing Trio	Rady Children's Institute for Genomic Medicine
<b>7V9WG</b>	Trio WGS	AiLife Diagnostics
<b>4ZLBG</b>	Trio Whole Genome Sequencing	Baylor Genetics, LLC
<b>22HVG</b>	TruGenome Proband	Illumina, Inc.
<b>2F7GG</b>	TruGenome Trio	Illumina, Inc.

GTU	Test Name	Laboratory Name
7WZGG	Whole Exome with RISE Analysis (RNA-Seq) (Sequencing Only)	Fulgent Genetics
7U3WG	Whole Genome Sequencing	ARUP Laboratories
6RPTG	Whole Genome Sequencing	Children's Mercy Hospital and Clinics - Molecular Genetics Laboratory
52SUG	Whole Genome Sequencing	Gene by Gene
27KEG	Whole Genome Sequencing	Johns Hopkins Medical Institutions - Pathology Laboratory
7TYTG	Whole Genome Sequencing (Baylor)	University of Michigan - Michigan Medical Genetics Laboratories
7SAVG	Whole Genome Sequencing for Hereditary Disorders, Varies	Mayo Clinic Laboratories
3VU6G	Whole Genome Sequencing Proband Only	PerkinElmer Genomics
22DHG	Whole Genome Sequencing Single and Multi-Family (Duo, Trio, Quad, etc.)	Medical College of Wisconsin - Human and Molecular Genetics Center
7TKXG	Whole Genome Sequencing, 4 Sample	Praxis Genomics, LLC
7B2AG	Whole Genome Sequencing, DUO	PerkinElmer Genomics
7TKVG	Whole Genome Sequencing, DUO	Praxis Genomics, LLC
7U3XG	Whole Genome Sequencing, Familial Control	ARUP Laboratories
7TKUG	Whole Genome Sequencing, Proband	Praxis Genomics, LLC
7B2LG	Whole Genome Sequencing, QUAD	PerkinElmer Genomics
2UAVG	Whole Genome Sequencing, TRIO	PerkinElmer Genomics
7TKWG	Whole Genome Sequencing, TRIO	Praxis Genomics, LLC
7TLHG	Whole Genome Upgrade per Sample	Praxis Genomics, LLC
7TLNG	Whole Genome Upgrade per Sample	Praxis Genomics, LLC

### Hematologic Malignancy Panel Tests

GTU	Test Name	Laboratory Name
2FKWG	Comprehensive Hematologic Cancer Panel	Children's Hospital of Philadelphia - Division of Genomic Diagnostics
7SFFG	Comprehensive HemeComplete Profile	PathGroup
2DVSG	Comprehensive Lymphoid Oncology (DNA and RNA analysis)	Children's Hospital Colorado Precision Diagnostics Laboratory
7SFEG	Comprehensive Myeloid Profile	PathGroup



<b>GTU</b>	<b>Test Name</b>	<b>Laboratory Name</b>
<b>5M87G</b>	FISH Panel : Myeloid Disorders	Cincinnati Children's Hospital Medical Center - Molecular Genetics and Cytogenetics Laboratories
<b>7VMHG</b>	FISH Panel: Myeloid Malignancy	Cincinnati Children's Hospital Medical Center - Molecular Genetics and Cytogenetics Laboratories
<b>6Z8DG</b>	FoundationOne Heme	Foundation Medicine
<b>34YSG</b>	GeneTrails Hematologic Malignancies 220 Gene Panel	Knight Molecular Diagnostic
<b>7XE7G</b>	Hematologic Cancer Fusion Analysis	Nationwide Children's Hospital - Cytogenetics and Molecular Genetics Laboratory
<b>45EWG</b>	Hematologic Cancer Panel	Children's Hospital of Philadelphia - Division of Genomic Diagnostics
<b>73H3G</b>	Hematologic Neoplasm Mutation Panel	Ohio State University - Molecular Pathology Laboratory
<b>34PNG</b>	HemaVision Leukemia Panel	University of Oklahoma Health Sciences Center - Molecular Pathology Laboratory
<b>7XRGG</b>	Heme Amplicon Panel by NGS	University of Washington Medical Center - Laboratory Medicine-Genetics Laboratory
<b>7ATGG</b>	HEME DNA MUTATION PANEL (152 gene DNA NGS panel for mutations)	Texas Children's Hospital
<b>7ATHG</b>	HEME DNA/RNA COMBINED PANEL (Combined heme mutation and fusion panels)	Texas Children's Hospital
<b>6LTNG</b>	Heme Gene Panel by NGS	University of Washington Medical Center - Laboratory Medicine-Genetics Laboratory
<b>7SFCG</b>	HemeComplete NextGen Sequencing Assay	PathGroup
<b>72AHG</b>	IntelliGEN Myeloid	LabCorp
<b>7RJGG</b>	JMML Associated Exon Panel (JMML)	Rady Children's Institute for Genomic Medicine
<b>5PPVG</b>	Juvenile Myelomonocytic Leukemia Associated Exon Panel	UCSF Molecular Diagnostics Laboratory
<b>28E8G</b>	Leukemia Trial NGS Panel, Blood	Johns Hopkins Medical Institutions - Pathology Laboratory
<b>28MEG</b>	Leukemia Trial NGS Panel, Bone Marrow	Johns Hopkins Medical Institutions - Pathology Laboratory
<b>6LTPG</b>	Lymphoid Gene Panel by NGS	University of Washington Medical Center - Laboratory Medicine-Genetics Laboratory
<b>2DJPG</b>	Lymphoid Oncology DNA Analysis	Children's Hospital Colorado Precision Diagnostics Laboratory
<b>7XR9G</b>	MayoComplete Chronic Lymphoid Neoplasms, Next-Generation Sequencing, Varies	Mayo Clinic Laboratories

<b>GTU</b>	<b>Test Name</b>	<b>Laboratory Name</b>
<b>7XR8G</b>	MayoComplete Histiocytic Neoplasms, Next-Generation Sequencing, Varies	Mayo Clinic Laboratories
<b>6U9NG</b>	MayoComplete Myeloid Neoplasms, Comprehensive OncoHeme Next-Generation Sequencing, Varies	Mayo Clinic Laboratories
<b>7SBCG</b>	MayoComplete Plasma Cell Myeloma, Next-Generation Sequencing, Varies	Mayo Clinic Laboratories
<b>7XR7G</b>	MayoComplete T-Cell Lymphoma, Next-Generation Sequencing, Varies	Mayo Clinic Laboratories
<b>7XY8G</b>	MYD88 and CXCR4 Mutation Panel	Knight Molecular Diagnostic
<b>2XDBG</b>	Myeloid Complete Molecular Profile	Genetic Associates
<b>6VB9G</b>	Myeloid Extended Mutation Analysis Panel by Next Generation Sequencing	Molecular Pathology Laboratory Network
<b>6LTQG</b>	Myeloid Gene Panel by NGS	University of Washington Medical Center - Laboratory Medicine-Genetics Laboratory
<b>7UXCG</b>	Myeloid Malignancies Mutation and Copy Number Variation Panel by Next Generation Sequencing	ARUP Laboratories
<b>7ALDG</b>	MYELOID MALIGNANCIES MUTATION PANEL	Clinical Pathology Laboratories
<b>2XRDG</b>	Myeloid Malignancies Mutation Panel by Next Generation Sequencing	ACL Laboratories
<b>6VAZG</b>	Myeloid Malignancies Mutation Panel by Next Generation Sequencing	ARUP Laboratories
<b>78N9G</b>	Myeloid Multigene Panel	UCSF Molecular Diagnostics Laboratory
<b>5CTBG</b>	Myeloid Mutation Panel- AML	University of North Carolina Hospitals - Molecular Genetics
<b>7Q2MG</b>	Myeloid Mutation Panel, Blood	Nebraska Medical Center - Molecular Diagnostic Laboratory
<b>7Q2HG</b>	Myeloid Mutation Panel, Other	Nebraska Medical Center - Molecular Diagnostic Laboratory
<b>8EFPG</b>	Myeloid Neoplasm Mutation Analysis Only	Medfusion
<b>7SFBG</b>	Myeloid NextGen Sequencing Assay	PathGroup
<b>7V4RG</b>	Myeloid NGS	Allina Health Laboratory
<b>7TV4G</b>	Myeloid NGS Panel	University of Michigan - Michigan Medical Genetics Laboratories
<b>7SQ8G</b>	Myeloid Panel NGS Bone Marrow	Cleveland Clinic Laboratories
<b>7SQ7G</b>	Myeloid Panel NGS Peripheral Blood	Cleveland Clinic Laboratories

GTU	Test Name	Laboratory Name
6UY4G	Myeloid tumor panel - Somatic Mutation Analysis	Centogene
7SPKG	Neo Comprehensive - Myeloid Disorders	NeoGenomics Laboratories
7URQG	Neo Comprehensive™ - Heme Cancers	NeoGenomics Laboratories
3ZSJG	NeoTYPE AITL/Peripheral T-Cell Lymphoma Profile	NeoGenomics Laboratories
86UPG	NeoTYPE Lymphoid Disorders Profile	NeoGenomics Laboratories
6VB7G	NGS Hematologic Malignancy Mutation Panel	UCSD - Molecular Diagnostics & Cytogenetics Laboratory
2LJDG	NGS Hematolymphoid Panel (Lab Only)	Molecular Diagnosis - University of Rochester Medical Center - Strong Memorial Hospital
5364G	NGS_Myeloid 37 Genes Panel	CellNetix Pathology and Laboratories
86LPG	OnkoSight Advanced Chronic Lymphoid Neoplasm NGS Panel - PB/BM	BioReference Laboratories
7C5AG	OnkoSight Advanced NGS Myeloid Panel	BioReference Laboratories
7T3WG	OnkoSight Advanced Pan Heme Fusion NGS Panel	BioReference Laboratories
7DN9G	Paired Tumor / Normal – Comprehensive Hematologic Cancer Panel	Children's Hospital of Philadelphia - Division of Genomic Diagnostics
7DN8G	Paired Tumor / Normal - Hematologic Cancer Panel	Children's Hospital of Philadelphia - Division of Genomic Diagnostics
7UJHG	PennSeq Hematological Malignancies Panel	University of Pennsylvania School of Medicine - Molecular Pathology Laboratory
7W6YG	T Large Granular Lymphocyte NGS Panel	University of Minnesota Physicians Outreach Laboratory
7ZQTG	Targeted Myeloid Panel (TMP)	Columbia University - Personalized Genomic Medicine
86SCG	Tempus  xT: Targeted panel of 648 genes (Hematologic Malignancy)	Tempus AI, Inc.

### Hereditary GI/Colon Cancer Panel Tests

GTU	Test Name	Laboratory Name
7TP3G	CancerNext Expanded Colon Lynch	Ambry Genetics
7TNZG	CancerNext: Colon/Lynch	Ambry Genetics
2NBHG	CentoColon - NGS Panel (CNV included)	Centogene
76DFG	COLARIS AP PLUS with Myriad myRisk Hereditary Cancer Update Test	Myriad Genetics

<b>GTU</b>	<b>Test Name</b>	<b>Laboratory Name</b>
<b>76DEG</b>	COLARIS PLUS with Myriad myRisk Hereditary Cancer Update Test	Myriad Genetics
<b>76DUG</b>	ColoNext	Ambry Genetics
<b>7WT3G</b>	ColoNext	University of Minnesota Physicians Outreach Laboratory
<b>6UQPG</b>	ColoNext with RNAinsight	Ambry Genetics
<b>3598G</b>	Colorectal Cancer Comprehensive Panel (Deletion/Duplication Only)	Fulgent Genetics
<b>76E3G</b>	Colorectal Cancer Comprehensive Panel (Sequencing & Deletion/Duplication)	Fulgent Genetics
<b>3ATVG</b>	Colorectal Cancer Comprehensive Panel (Sequencing Only)	Fulgent Genetics
<b>3D5AG</b>	Colorectal Cancer Focus Panel (Deletion/Duplication Only)	Fulgent Genetics
<b>6U88G</b>	Colorectal Cancer Focus Panel (Germline)	NeoGenomics Laboratories
<b>76E4G</b>	Colorectal Cancer Focus Panel (Sequencing & Deletion/Duplication)	Fulgent Genetics
<b>34KAG</b>	Colorectal Cancer Focus Panel (Sequencing Only)	Fulgent Genetics
<b>2L58G</b>	Colorectal Cancer Germline NGS Panel	University of Michigan - Michigan Medical Genetics Laboratories
<b>76DSG</b>	Colorectal Cancer Panel	ACL Laboratories
<b>76DWG</b>	Colorectal Cancer Panel	GeneDx
<b>76BGG</b>	Colorectal Cancer Panel	PerkinElmer Genomics
<b>3DW5G</b>	ColoSeq - Lynch and Polyposis Panel	University of Washington Medical Center - Laboratory Medicine-Genetics Laboratory
<b>6V2QG</b>	Comprehensive Colon Cancer Panel (Seq & Del/Dup)	Genetics Center - Molecular and Cytogenetic Diagnostic Laboratories
<b>7TNXG</b>	Comprehensive Common Cancer Panel: Colon/Lynch	GeneDx
<b>7X25G</b>	GxVISION Hereditary Cancer Risk Assessment Colorectal Cancer Genes	Otogenetics
<b>25LZG</b>	Hereditary Colorectal Cancer Panel	Quest Diagnostics
<b>76DZG</b>	Hereditary Colorectal Cancer Panel	The University of Chicago Genetic Services
<b>7AAAG</b>	Hereditary Colorectal Cancer Panel (20 Genes)	Palo Verde Laboratory - division of Sonora Quest Lab
<b>7V2BG</b>	Hereditary Colorectal/Gastrointestinal Cancer Panel	Baylor Genetics, LLC

GTU	Test Name	Laboratory Name
7SHSG	Hereditary Gastrointestinal Cancer High-Risk Panel, Sequencing and Deletion/Duplication	ARUP Laboratories
76DNG	Hereditary Gastrointestinal Cancer Panel, Sequencing and Deletion/Duplication	ARUP Laboratories
7DLGG	Hereditary Gastrointestinal Cancer Panel, Varies	Mayo Clinic Laboratories
6V9EG	Hereditary High-Risk Colon Cancer Panel	Children's Hospital of Philadelphia - Division of Genomic Diagnostics
7V2GG	Hereditary High-Risk Colorectal Cancer Panel	Baylor Genetics, LLC
45K7G	Inherited Colon Cancer Panel	Knight Molecular Diagnostic
778DG	Invitae Hereditary Colorectal Cancer Guidelines-Based Panel	Invitae Corporation
77QBG	Invitae Hereditary Colorectal Cancer Guidelines-Based Panel-Add-on Preliminary-evidence Colorectal Cancer Guidelines Genes	Invitae Corporation
76CYG	Invitae Hereditary Colorectal Cancer Panel	Invitae Corporation
76CZG	Invitae Hereditary Colorectal Cancer Panel-Add-on Preliminary-evidence Genes for Colorectal Cancer	Invitae Corporation
6DXSG	Lynch/Colorectal High Risk Panel	GeneDx
7TNYG	Rest of Comprehensive Common Cancer Panel: Colon/Lynch	GeneDx
7B7KG	STAT Colorectal Cancer Panel	PerkinElmer Genomics
7VPKG	Tempus  xG Common Hereditary Cancers 36 genes (hereditary colon cancer indications)	Tempus AI, Inc.
7VPGG	Tempus  xG+ Extended Hereditary Cancers 88 genes (hereditary colon cancer indications)	Tempus AI, Inc.
76BSG	VistaSeq Colorectal Cancer Panel	Integrated Genetics
76DAG	VistaSeq Colorectal Cancer Panel	LabCorp
76CBG	VistaSeq Colorectal Cancer Panel	Labcorp   Oncology
2F64G	VistaSeq High Risk Colorectal Cancer Panel	Integrated Genetics
58EYG	VistaSeq High Risk Colorectal Cancer Panel	LabCorp
4NLFG	VistaSeq High Risk Colorectal Cancer Panel	Labcorp   Oncology

## Hereditary Polyposis Panel Tests

GTU	Test Name	Laboratory Name
7TQFG	Adenomatous Polyposis Focus (Sequencing & Deletion/Duplication)	Fulgent Genetics
5MJ8G	APC & MUTYH seq and del/dup	Ambry Genetics
6UQRG	APC and MUTYH with RNAinsight	Ambry Genetics
8734G	APC- and MUTYH-Associated Polyposis Panel, Sequencing and Deletion/Duplication	ARUP Laboratories
2AUYG	COLARIS AP	Myriad Genetics
86HDG	ColoSeq Genes Sequenced	University of Washington Medical Center - Laboratory Medicine-Genetics Laboratory
86HCG	ColoSeq Polyposis	University of Washington Medical Center - Laboratory Medicine-Genetics Laboratory
4QZBG	Comprehensive Polyposis Syndrome Panel (Seq & Del/Dup Analysis)	Genetics Center - Molecular and Cytogenetic Diagnostic Laboratories
4R4DG	FAP: APC Seq, APC Del/Dup, MUTYH 2 Muts	UCSD - Molecular Diagnostics & Cytogenetics Laboratory
6QVMG	Hereditary Polyposis Panel	PreventionGenetics, part of Exact Sciences
7PQHG	Invitae Adenomatous Polyposis Panel	Invitae Corporation
7TQGG	Polyposis Comprehensive (Sequencing & Deletion/Duplication)	Fulgent Genetics

## Hypertrophic Cardiomyopathy (HCM) Panel Tests

GTU	Test Name	Laboratory Name
5LVCG	HCM Panel Deletion / Duplication	DDC Clinic Laboratory
6PZ3G	HCM Panel Next Generation Sequencing	DDC Clinic Laboratory
6PZ4G	HCM Panel NGS & Del Dup Comprehensive	DDC Clinic Laboratory
2YZEG	HCMNext	Ambry Genetics
2YZAG	HCMNext Reflex	Ambry Genetics
5W3JG	Hypertrophic Cardiomyopathy – HCM (41 genes) Deletion/Duplication Panel	Baylor College of Medicine - John Welsh Cardiovascular Diagnostic Laboratory
2FPZG	Hypertrophic Cardiomyopathy – HCM (41 genes) NGS + Sanger fill-in Panel	Baylor College of Medicine - John Welsh Cardiovascular Diagnostic Laboratory

GTU	Test Name	Laboratory Name
3XPUG	Hypertrophic Cardiomyopathy – HCM (41 genes) NGS Panel	Baylor College of Medicine - John Welsh Cardiovascular Diagnostic Laboratory
3CEJG	Hypertrophic Cardiomyopathy (HCM) Panel	Cincinnati Children's Hospital Medical Center - Molecular Genetics and Cytogenetics Laboratories
7DN2G	Hypertrophic Cardiomyopathy (HCM) Panel	Washington University in St. Louis Genomics and Pathology Services
7SBZG	Hypertrophic Cardiomyopathy Gene Panel, Varies	Mayo Clinic Laboratories
5N9HG	Hypertrophic Cardiomyopathy NGS Panel	Greenwood Genetic Center - Molecular Diagnostic Laboratory
3XG9G	Hypertrophic Cardiomyopathy NGS Panel (Deletion/Duplication Only)	Fulgent Genetics
25E2G	Hypertrophic Cardiomyopathy NGS Panel (Sequencing & Deletion/Duplication)	Fulgent Genetics
3XPSG	Hypertrophic Cardiomyopathy NGS Panel (Sequencing Only)	Fulgent Genetics
3XQ7G	Hypertrophic Cardiomyopathy Panel	Knight Molecular Diagnostic
7XH6G	Hypertrophic Cardiomyopathy Panel	Nationwide Children's Hospital - Cytogenetics and Molecular Genetics Laboratory
3XQBG	Hypertrophic Cardiomyopathy Panel	PerkinElmer Genomics
5CYCG	Hypertrophic Cardiomyopathy Panel	PreventionGenetics, part of Exact Sciences
3XNZG	Hypertrophic Cardiomyopathy Panel (PCPGM)	University of Michigan - Michigan Medical Genetics Laboratories
3HV4G	Hypertrophic Cardiomyopathy Panel (PCPGM), Known Mutation	University of Michigan - Michigan Medical Genetics Laboratories
2KTCG	Hypertrophic Cardiomyopathy Panel, Sequencing	ARUP Laboratories
44WDG	Invitae Hypertrophic Cardiomyopathy Panel	Invitae Corporation
42LUG	Invitae Hypertrophic Cardiomyopathy Panel-Add-on Preliminary-evidence Genes for Hypertrophic Cardiomyopathy	Invitae Corporation
7B79G	STAT Hypertrophic Cardiomyopathy Panel	PerkinElmer Genomics

### Long QT Syndrome (LQTS) Panel Tests

GTU	Test Name	Laboratory Name
5FWSG	Invitae Long QT Syndrome Panel	Invitae Corporation
786WG	Invitae Long QT Syndrome Panel-Add-on Preliminary-evidence Genes for Long QT Syndrome	Invitae Corporation

<b>GTU</b>	<b>Test Name</b>	<b>Laboratory Name</b>
<b>77MWG</b>	Long and Short QT Syndrome (NGS Panel and Copy Number Analysis)	MNG Laboratories
<b>6Q7RG</b>	Long QT Panel Deletion / Duplication	DDC Clinic Laboratory
<b>782LG</b>	Long QT Panel Next Generation Sequencing	DDC Clinic Laboratory
<b>782KG</b>	Long QT Panel NGS & Del Dup Comprehensive	DDC Clinic Laboratory
<b>2KQNG</b>	Long QT Panel, Sequencing and Deletion/Duplication	ARUP Laboratories
<b>39DQG</b>	Long QT Syndrome – LQTS (15 genes) Deletion/Duplication Panel	Baylor College of Medicine - John Welsh Cardiovascular Diagnostic Laboratory
<b>776UG</b>	Long QT Syndrome – LQTS (15 genes) NGS + Sanger fill-in Panel	Baylor College of Medicine - John Welsh Cardiovascular Diagnostic Laboratory
<b>78A2G</b>	Long QT Syndrome – LQTS (15 genes) NGS Panel	Baylor College of Medicine - John Welsh Cardiovascular Diagnostic Laboratory
<b>77BKG</b>	Long QT Syndrome (LQTS) Panel	Children's Hospital of Philadelphia - Division of Genomic Diagnostics
<b>5XA8G</b>	Long QT Syndrome (LQTS) Panel Sequencing	Indiana University Molecular Genetics Diagnostic Laboratory - Indiana University Medical Center, School of Medicine
<b>27X3G</b>	Long QT Syndrome and Short QT Syndrome	Knight Molecular Diagnostic
<b>77C6G</b>	Long QT Syndrome by Next Generation Sequencing (KCNQ1, KCNH2, SCN5A, KCNE1, KCNE2, KCNJ2, CACNA1C, CAV3, SCN4B, AKAP9, SNTA1, ANK2, CALM1, CALM2, KCNJ5)	Medical Diagnostic Laboratories, LLC
<b>7SBNG</b>	Long QT Syndrome Gene Panel, Varies	Mayo Clinic Laboratories
<b>77L7G</b>	Long QT syndrome NGS Panel	Connective Tissue Gene Tests
<b>5N7XG</b>	Long QT syndrome NGS Panel	Greenwood Genetic Center - Molecular Diagnostic Laboratory
<b>6MADG</b>	Long QT syndrome NGS Panel Deletion / Duplication	Connective Tissue Gene Tests
<b>774ZG</b>	Long QT syndrome NGS Panel Next Generation Sequencing	Connective Tissue Gene Tests
<b>76V5G</b>	Long QT Syndrome Panel	Cincinnati Children's Hospital Medical Center - Molecular Genetics and Cytogenetics Laboratories
<b>7XHMG</b>	Long QT Syndrome Panel	Nationwide Children's Hospital - Cytogenetics and Molecular Genetics Laboratory
<b>785ZG</b>	Long QT Syndrome Panel	PerkinElmer Genomics
<b>78FTG</b>	Long QT Syndrome Panel	PreventionGenetics, part of Exact Sciences
<b>7DN3G</b>	Long QT Syndromes panel	Washington University in St. Louis Genomics and Pathology Services



GTU	Test Name	Laboratory Name
772GG	LongQTNext	Ambry Genetics
783PG	LQTS Panel	GeneDx
2YB5G	LQTS Seq/Del/Dup Panel	Johns Hopkins Medical Institutions - Pathology Laboratory
7B7CG	STAT Long QT Syndrome Panel	PerkinElmer Genomics

## Lung Cancer Panel Tests

GTU	Test Name	Laboratory Name
8EEQG	50SEQ with MSI Panel	Medfusion
7Y3UG	ALK, RET, ROS1 fusion, MET amplification by FISH	University of Pittsburgh Medical Center - Division of Molecular Diagnostics
5X7JG	BRAF/EGFR NGS if EGFR neg rfx to ALK FISH if neg rfx ROS1	BioReference Laboratories
2LVVG	Comprehensive Lung Panel	University of Iowa Hospitals and Clinics - Department of Pathology
7UQRG	Comprehensive LungSEQPlus Panel	Medfusion
7SNHG	Comprehensive OnkoSight Advanced Lung Panel	BioReference Laboratories
7TMTG	Comprehensive OnkoSight Lung Panel + GeneStrat Liquid Biopsy	BioReference Laboratories
5XBBG	EGFR and KRAS, if both neg, reflex ALK, if neg reflex ROS1	BioReference Laboratories
4NUWG	FISH Panel : Non-Small Cell Lung Cancer	Cincinnati Children's Hospital Medical Center - Molecular Genetics and Cytogenetics Laboratories
6LQSG	Lung adenocarcinoma targeted NGS panel	Allina Health Laboratory
7Q8RG	Lung Cancer Mutation Analysis	UCLA Diagnostic Molecular Pathology Laboratory
7VZQG	Lung Cancer Mutation Panel	ARUP Laboratories
6WW7G	Lung Cancer Mutation Panel (EGFR, KRAS, ALK)	Quest Diagnostics
42L6G	Lung Cancer NGS Panel	University of Michigan - Michigan Medical Genetics Laboratories
3ZETG	Lung Cancer Panel by Next Generation Sequencing	Molecular Pathology Laboratory Network
7AFUG	LUNG CANCER TARGETED GENE	Clinical Pathology Laboratories
7R8HG	LungSEQ Concurrent Panel, without PD-L1	Quest Diagnostics
8EEXG	LUNGSEQ Panel	Medfusion
7AUFG	LUNGSEQ Panel	Quest Diagnostics
8EERG	LUNGSEQ Panel Concurrent	Medfusion

GTU	Test Name	Laboratory Name
8EFKG	LUNGSEQ Panel with FISH Concurrent - no PD-L1	Medfusion
7RWLG	MayoComplete Lung Cancer Mutations, Next-Generation Sequencing, Tumor	Mayo Clinic Laboratories
7RWMG	MayoComplete Lung Cancer-Targeted Gene Panel with Rearrangement, Tumor	Mayo Clinic Laboratories
7RWKG	MayoComplete Lung Rearrangements, Rapid Test, Tumor	Mayo Clinic Laboratories
7BHXG	NeoTYPE® DNA & RNA - Lung	NeoGenomics Laboratories
6YZRG	NeoTYPE® Lung Tumor Profile	NeoGenomics Laboratories
262FG	Non-Small-cell Lung Cancer (NSCLC) Therapeutic Profile II	LabCorp
6ST7G	Oncology FISH Analysis - Non-small Cell Lung Carcinoma Panel	Baylor Genetics, LLC
86LVG	OnkoSight Advanced Comprehensive Lung	BioReference Laboratories
86LLG	OnkoSight Advanced Lung Cancer NGS Panel	BioReference Laboratories
6U25G	OnkoSight Advanced Lung Cancer Panel, ALK and ROS1 by FISH	BioReference Laboratories
26QHG	Targeted Gene Panel with Fusions, Lung Cancer	Palo Verde Laboratory - division of Sonora Quest Lab

### Lung Cancer Treatment Algorithmic Tests

GTU	Test Name	Laboratory Name
6XS9G	DetermaRX	Oncocyte
7V98G	LungOI	Imagene
7VN6G	PROphet NSCLC Test	OncoHost, Inc
6UT9G	VeriStrat	Biodesix

### Lynch Syndrome / Hereditary Nonpolyposis Colorectal Cancer (HNPCC) Panel Tests

GTU	Test Name	Laboratory Name
6RPMG	COLARIS	Myriad Genetics
7X23G	GxVISION Hereditary Cancer Risk Assessment Lynch Syndrome Genes	Otogenetics

<b>GTU</b>	<b>Test Name</b>	<b>Laboratory Name</b>
<b>2YYWG</b>	HNPCC concurrent	Ambry Genetics
<b>2FTJG</b>	HNPCC PANEL	Center for Human Genetics, Inc.
<b>7SNVG</b>	HNPCC/Lynch Deletion/Duplication	Ambry Genetics
<b>2FS8G</b>	HNPCC/Lynch Syndrome Del/Dup	UCSD - Molecular Diagnostics & Cytogenetics Laboratory
<b>2AWXG</b>	Invitae Lynch Syndrome Panel	Invitae Corporation
<b>2FSEG</b>	Lynch Syndrome - Hereditary (Germline) Testing	Labcorp   Oncology
<b>7QFCG</b>	Lynch Syndrome Focus (Sequencing & Deletion/Duplication)	Fulgent Genetics
<b>2FRUG</b>	Lynch Syndrome Gene Panel: 5 Genes (EPCAM, MLH1, MSH2, MSH6, PMS2) by Gene Sequencing with Deletion/Duplication Analysis	Medical Diagnostic Laboratories, LLC
<b>7A2RG</b>	Lynch syndrome Panel	PerkinElmer Genomics
<b>2FRZG</b>	Lynch syndrome Panel	Quest Diagnostics
<b>5JURG</b>	Lynch syndrome Panel	The University of Chicago Genetic Services
<b>7AC3G</b>	Lynch Syndrome Panel, Sequencing and Deletion/Duplication	ARUP Laboratories
<b>7DL5G</b>	Lynch Syndrome Panel, Varies	Mayo Clinic Laboratories
<b>4JKFG</b>	Lynch Syndrome, MSH2 Sequencing and Deletion/Duplication (Including EPCAM)	Quest Diagnostics
<b>57DNG</b>	Lynch Syndrome/Constitutional Mismatch Repair Deficiency Panel	PreventionGenetics, part of Exact Sciences
<b>72H6G</b>	Lynch with RNAinsight	Ambry Genetics
<b>2FSKG</b>	MLH1 / MSH2 / MSH6 / PMS2 Comprehensive Analysis	Labcorp   Oncology
<b>2FSLG</b>	MLH1 / MSH2 / MSH6 Comprehensive Analysis	Labcorp   Oncology
<b>2FSNG</b>	MLH1 / MSH2 Comprehensive Analysis	Labcorp   Oncology
<b>7U2HG</b>	MLH1, MSH2, MSH6, PMS2 Sequencing and Del/Dup (NGS)	University of Michigan - Michigan Medical Genetics Laboratories
<b>7DQLG</b>	MLH1/MSH2 Del/Dup Testing by MLPA	PerkinElmer Genomics
<b>2YYNG</b>	MSH2 seq & del/dup & EPCAM del/dup	Ambry Genetics
<b>7DQKG</b>	MSH6/MUTYH/EPCAM Del/Dup Testing by MLPA	PerkinElmer Genomics
<b>87B9G</b>	VistaSeq Lynch Syndrome Panel	LabCorp

## Mitochondrial Disease (including Nuclear Genes) Panel Tests

GTU	Test Name	Laboratory Name
77W7G	Cellular Energetics Ophthalmoplegia Syndromes (NGS Panel and Copy Number Analysis + mtDNA)	MNG Laboratories
5C94G	Chronic Progressive External Ophthalmoplegia (CPEO/PEO) Panel	PreventionGenetics, part of Exact Sciences
6DD7G	Combined Mito Genome Plus Mito Focused Nuclear Gene Panel	GeneDx
7R7VG	Combined Mitochondrial Full Genome and Nuclear Gene Panel, Varies	Mayo Clinic Laboratories
6RKZG	Comprehensive Cellular Energetics Defects (NGS Panel and Copy Number Analysis + mtDNA)	MNG Laboratories
77WDG	Comprehensive Mitochondrial Nuclear Gene Panel	PerkinElmer Genomics
77SKG	Comprehensive mtDNA Depletion Syndromes (NGS Panel and Copy Number Analysis)	MNG Laboratories
76YBG	Comprehensive Ophthalmoplegia Syndromes (NGS Panel and Copy Number Analysis + mtDNA)	MNG Laboratories
76YHG	Cytochrome C Oxidase Deficiency (NGS Panel and Copy Number Analysis + mtDNA)	MNG Laboratories
788KG	Dual Genome Leigh Disease Panel by Massively Parallel Sequencing	Baylor Genetics, LLC
6LC5G	Genomic Unity® Comprehensive Mitochondrial Disorders Analysis	Varietyx, Inc.
7V37G	Genomic Unity® Mitochondrial Genome Deletions Analysis	Varietyx, Inc.
7V36G	Genomic Unity® Nuclear Encoded Mitochondrial Gene Analysis	Varietyx, Inc.
3XEDG	Invitae Nuclear Mitochondrial Disorders Panel	Invitae Corporation
77YFG	Leigh and Leigh-Like Syndrome Panel (Nuclear Genes Only)	PreventionGenetics, part of Exact Sciences
2YAYG	Mito Disord Panel (mtDNA-108 Nuc Genes)	UCSD - Molecular Diagnostics & Cytogenetics Laboratory
77GLG	Mitochondrial Complex I Deficiency Panel (Nuclear Genes)	PreventionGenetics, part of Exact Sciences
6QVJG	Mitochondrial Complex II Deficiency Panel	PreventionGenetics, part of Exact Sciences
386QG	Mitochondrial Complex III Deficiency Panel (Nuclear Genes)	PreventionGenetics, part of Exact Sciences
76ZNG	Mitochondrial Complex IV Deficiency Panel (Nuclear Genes)	PreventionGenetics, part of Exact Sciences
5LQTG	Mitochondrial Complex V Deficiency Panel (Nuclear Genes)	PreventionGenetics, part of Exact Sciences

<b>GTU</b>	<b>Test Name</b>	<b>Laboratory Name</b>
<b>7U5TG</b>	Mitochondrial Disorders (mtDNA) Sequencing and Deletion Analysis by NGS	University of Pennsylvania School of Medicine - Molecular Pathology Laboratory
<b>6LTZG</b>	Mitochondrial Disorders Panel (Nuclear Genes Only)	PreventionGenetics, part of Exact Sciences
<b>6XJWG</b>	Mitochondrial DNA Depletion Testing (Leukocyte)	LabCorp
<b>54EFG</b>	Mitochondrial Encephalomyopathic Evaluation	Athena Diagnostics Inc
<b>77FTG</b>	Mitochondrial Encephalopathy/Leigh Syndrome Nuclear Gene Panel	PerkinElmer Genomics
<b>772TG</b>	Mitochondrial Genome Maintenance/Integrity Nuclear Genes Panel	PreventionGenetics, part of Exact Sciences
<b>3WQPG</b>	Mitochondrial Hepatoencephalopathic Evaluation	Athena Diagnostics Inc
<b>4RDTG</b>	Mitochondrial Respiratory Chain Complex II Deficiency Panel by Massively Parallel Sequencing	Baylor Genetics, LLC
<b>77T2G</b>	Mitochondrial Respiratory Chain Complex I-V Nuclear Gene Deficiency Panel by Massively Parallel Sequencing	Baylor Genetics, LLC
<b>62P9G</b>	mtDNA Depletion Syndrome NGS Panel (Deletion/Duplication Only)	Fulgent Genetics
<b>77EVG</b>	mtDNA Depletion Syndrome NGS Panel (Sequencing & Deletion/Duplication)	Fulgent Genetics
<b>77TJG</b>	mtDNA Depletion Syndrome NGS Panel (Sequencing Only)	Fulgent Genetics
<b>2TC7G</b>	Nuclear Panel by Massively Parallel Sequencing	Baylor Genetics, LLC
<b>2BKCG</b>	Nuclear-Mito NGS Panel (Deletion/Duplication Only)	Fulgent Genetics
<b>2BKFG</b>	Nuclear-Mito NGS Panel (Sequencing & Deletion/Duplication)	Fulgent Genetics
<b>2BKEG</b>	Nuclear-Mito NGS Panel (Sequencing Only)	Fulgent Genetics
<b>76USG</b>	Oxidative Phosphorylation (OXPHOS) Defects (NGS Panel and Copy Number Analysis + mtDNA)	MNG Laboratories
<b>2BKHG</b>	Oxidative Phosphorylation Disorders NGS Panel (Deletion/Duplication Only)	Fulgent Genetics
<b>78H9G</b>	Oxidative Phosphorylation Disorders NGS Panel (Sequencing & Deletion/Duplication)	Fulgent Genetics
<b>77K2G</b>	Oxidative Phosphorylation Disorders NGS Panel (Sequencing Only)	Fulgent Genetics
<b>6UV6G</b>	PEO Panel by Massively Parallel Sequencing	Baylor Genetics, LLC

GTU	Test Name	Laboratory Name
776AG	PGXome Custom - Combined Oxidative Phosphorylation Deficiency	PreventionGenetics, part of Exact Sciences
77KGG	PGXome Custom - Comprehensive Cellular Energetics Defects	PreventionGenetics, part of Exact Sciences
77GJG	PGXome Custom - Mitochondrial Complex I Deficiency	PreventionGenetics, part of Exact Sciences
4C5HG	PGXome Custom - Mitochondrial Complex II Deficiency	PreventionGenetics, part of Exact Sciences
6P7LG	PGXome Custom - Mitochondrial Complex III Deficiency	PreventionGenetics, part of Exact Sciences
78KNG	PGXome Custom - Mitochondrial Complex IV Deficiency	PreventionGenetics, part of Exact Sciences
6P7NG	PGXome Custom - Mitochondrial Complex V Deficiency	PreventionGenetics, part of Exact Sciences
77SZG	Respiratory Chain Deficiency Panel	Knight Molecular Diagnostic
7B35G	STAT Comprehensive Mitochondrial Nuclear Gene Panel	PerkinElmer Genomics
7B38G	STAT Mitochondrial Encephalopathy/Leigh Syndrome Nuclear Gene Panel	PerkinElmer Genomics

### Mitochondrial DNA (mtDNA) Sequencing Panel Tests

GTU	Test Name	Laboratory Name
7SKYG	Advanced mtDNA Point Mutations	LabCorp
76WBG	Centomito® Comprehensive - NGS Panel (Mito Genome included)	Centogene
79ASG	Centomito® Genome - Mito Genome	Centogene
3KDTG	CHOP MitoGenome Sequencing + Deletion Analysis	Children's Hospital of Philadelphia - Division of Genomic Diagnostics
2Z9XG	Complete Mitochondrial Sequencing (mtDNA)	Gene by Gene
2DZ4G	Comprehensive mtDNA Analysis by Massively Parallel Sequencing	Baylor Genetics, LLC
79MYG	Deafness, nonsyndromic, sensorineural, mitochondrial - Single Gene Sequencing by NGS	Centogene
2LKVG	Dual Genome Panel by Massively Parallel Sequencing	Baylor Genetics, LLC
7V38G	Genomic Unity® Mitochondrial Genome Sequence Analysis	Varianty, Inc.
4AZZG	Maternal MitoGenome Seq + Del	Children's Hospital of Philadelphia - Division of Genomic Diagnostics
6U87G	Maternal Relative Exome + MitoGenome Combined Test	Children's Hospital of Philadelphia - Division of Genomic Diagnostics
6L9XG	Mito Genome Sequencing & Deletion Testing	GeneDx

GTU	Test Name	Laboratory Name
7QBEG	Mitochondrial Depletion NGS Panel	Greenwood Genetic Center - Molecular Diagnostic Laboratory
253UG	Mitochondrial Disorders (mtDNA) Sequencing and Deletion Analysis by NGS	ARUP Laboratories
72G9G	Mitochondrial DNA Depletion Testing (Muscle)	LabCorp
5D36G	Mitochondrial DNA Sequencing	New Jersey Medical School - Institute of Genomic Medicine
2G4RG	Mitochondrial DNA Testing	Bionano Laboratories
6R5TG	Mitochondrial Full Genome Analysis, Next-Generation Sequencing (NGS), Varies	Mayo Clinic Laboratories
4CH3G	MITOCHONDRIAL GENOME SEQUENCING	Center for Human Genetics, Inc.
7RXFG	MITOCHONDRIAL GENOME SEQUENCING	LabCorp
6R9BG	MITOCHONDRIAL GENOME SEQUENCING	MNG Laboratories
6R9DG	Mitochondrial Genome Sequencing + Deletion Analysis	MNG Laboratories
7RXEG	Mitochondrial Genome Sequencing and Deletion Analysis	LabCorp
28H4G	Mitochondrial Myopathy mtDNA	Johns Hopkins Medical Institutions - Pathology Laboratory
7WC5G	Mitochondrial Whole Genome Sequence Analysis	University of Minnesota Physicians Outreach Laboratory
2XYNG	mtDNA Whole Genome Sequencing	Columbia University - Personalized Genomic Medicine
27KAG	MVL MitoSeq Panel	Molecular Vision Laboratory
7R7XG	Nuclear Mitochondrial Gene Panel, Next-Generation Sequencing, Varies	Mayo Clinic Laboratories
6USKG	PGmito - Mitochondrial Genome Sequencing	PreventionGenetics, part of Exact Sciences
35JUG	Rapid MitoGenome Seq + Del	Children's Hospital of Philadelphia - Division of Genomic Diagnostics

### Pan-Cancer Hereditary Cancer Panel Tests

GTU	Test Name	Laboratory Name
7DQMG	BRCA2/CHEK2 Del/Dup Testing by MLPA	PerkinElmer Genomics
76DVG	Cancer Panel	PreventionGenetics, part of Exact Sciences
76DGG	CancerNext	Ambry Genetics
6UR6G	CancerNext with RNAinsight	Ambry Genetics

<b>GTU</b>	<b>Test Name</b>	<b>Laboratory Name</b>
<b>7TP4G</b>	CancerNext Expanded HBOC	Ambry Genetics
<b>7TP2G</b>	CancerNext: HBOC	Ambry Genetics
<b>76E2G</b>	CancerNext-Expanded	Ambry Genetics
<b>6UR7G</b>	CancerNext-Expanded with RNAinsight	Ambry Genetics
<b>5BTUG</b>	CentoCancer - NGS Panel (CNV included)	Centogene
<b>5APDG</b>	CentoCancer comprehensive panel - NGS Panel (CNV included)	Centogene
<b>7C5QG</b>	Color Extended	Color Genomics
<b>7C5RG</b>	Color Standard	Color Genomics
<b>76E5G</b>	Common Cancer Management Panel	GeneDx
<b>7V2AG</b>	Common Hereditary Cancer Panel	Baylor Genetics, LLC
<b>7RX8G</b>	Common Hereditary Cancer Screening Panel	PreventionGenetics, part of Exact Sciences
<b>76BTG</b>	COMP CANCER PANEL	ACL Laboratories
<b>76CKG</b>	Comprehensive Cancer Panel	PerkinElmer Genomics
<b>76DQG</b>	Comprehensive Common Cancer Panel	BioReference Laboratories
<b>76C3G</b>	Comprehensive Common Cancer Panel: HBOC	GeneDx
<b>5FV7G</b>	Comprehensive Hereditary Breast and Gynecologic Cancer Panel: 18 genes (BRCA1/2, High Risk Extended Panel and Lynch Syndrome genes) by Gene Sequencing with BRCA1/2, EPCAM, MLH1, MSH2, MSH6, PMS2 Deletion/Duplication Analysis	Medical Diagnostic Laboratories, LLC
<b>7V28G</b>	Comprehensive Hereditary Cancer Panel	Baylor Genetics, LLC
<b>5K7ZG</b>	Comprehensive Hereditary Cancer Panel	Children's Hospital of Philadelphia - Division of Genomic Diagnostics
<b>262EG</b>	Comprehensive Hereditary Cancer Panel	Quest Diagnostics
<b>7BP4G</b>	Comprehensive Hereditary Cancer Panel	The University of Chicago Genetic Services
<b>77HHG</b>	Comprehensive Pan-cancer analysis (DNA and RNA analysis)	Children's Hospital Colorado Precision Diagnostics Laboratory
<b>76DHG</b>	CustomNext-Cancer	Ambry Genetics
<b>7WJYG</b>	CustomNext-Cancer	University of Minnesota Physicians Outreach Laboratory
<b>6UR2G</b>	CustomNext-Cancer with RNAinsight	Ambry Genetics
<b>76CAG</b>	Empower - Multi-cancer expanded Hereditary Cancer Test	Natera



<b>GTU</b>	<b>Test Name</b>	<b>Laboratory Name</b>
<b>76C5G</b>	Empower - Multi-cancer Hereditary Cancer Test	Natera
<b>4M9NG</b>	Full Comprehensive Cancer Panel (Deletion/Duplication Only)	Fulgent Genetics
<b>6U89G</b>	Full Comprehensive Cancer Panel (Germline)	NeoGenomics Laboratories
<b>76CUG</b>	Full Comprehensive Cancer Panel (Sequencing & Deletion/Duplication)	Fulgent Genetics
<b>4U95G</b>	Full Comprehensive Cancer Panel (Sequencing Only)	Fulgent Genetics
<b>3HLKG</b>	Full Focus Cancer Panel (Deletion/Duplication Only)	Fulgent Genetics
<b>6U8AG</b>	Full Focus Cancer Panel (Germline)	NeoGenomics Laboratories
<b>76DMG</b>	Full Focus Cancer Panel (Sequencing & Deletion/Duplication)	Fulgent Genetics
<b>4CCHG</b>	Full Focus Cancer Panel (Sequencing Only)	Fulgent Genetics
<b>7VZFG</b>	GeneticsNow Comprehensive	GoPath Laboratories
<b>25XXG</b>	Guideline Based Hereditary Cancer Panel	Quest Diagnostics
<b>7X24G</b>	GxVISION Hereditary Cancer Risk Assessment Comprehensive Inherited Cancer Gene Tests	Otogenetics
<b>6URZG</b>	HC COMMON HEREDITARY CANCER PANEL	UCSF Molecular Diagnostics Laboratory
<b>76BWG</b>	Hereditary Breast and Ovarian Cancer - Expanded and Lynch Syndrome Panel	PreventionGenetics, part of Exact Sciences
<b>76DRG</b>	Hereditary Cancer	Color Genomics
<b>7VAGG</b>	Hereditary Cancer NGS Panel	AiLife Diagnostics
<b>7VAHG</b>	Hereditary Cancer NGS Panel Rapid	AiLife Diagnostics
<b>76DXG</b>	Hereditary Cancer Panel, Sequencing and Deletion/Duplication	ARUP Laboratories
<b>7DLHG</b>	Hereditary Common Cancer Panel, Varies	Mayo Clinic Laboratories
<b>7DKGG</b>	Hereditary Expanded Cancer Panel, Varies	Mayo Clinic Laboratories
<b>76CMG</b>	High/mod Risk Panel (20 genes)	ACL Laboratories
<b>7VVFG</b>	HopeSeq Germline Confirmatory Panel (Hope Hereditary Cancer Predisposition Panel)	City of Hope National Medical Center - Molecular Diagnostic Laboratory
<b>76DKG</b>	Inherited Cancer Panel	Knight Molecular Diagnostic
<b>76CHG</b>	Integrated BRACAnalysis with Myriad myRisk Hereditary Cancer Update Test	Myriad Genetics
<b>77BJG</b>	Invitae Cancer Screen	Invitae Corporation

GTU	Test Name	Laboratory Name
7UZRG	Invitae Common Hereditary Cancers + RNA Panel	Invitae Corporation
7DGXG	Invitae Common Hereditary Cancers + RNA Panel-Common Hereditary Cancers Genes Eligible for RNA Analysis	Invitae Corporation
76BNG	Invitae Common Hereditary Cancers Panel	Invitae Corporation
7UZSG	Invitae Multi-Cancer + RNA Panel	Invitae Corporation
7AV8G	Invitae Multi-Cancer + RNA Panel-Multi-Cancer Genes Eligible for RNA Analysis	Invitae Corporation
76BMG	Invitae Multi-Cancer Panel	Invitae Corporation
76BUG	Myriad myRisk	Myriad Genetics
6RMUG	myRisk Update Test	Myriad Genetics
7DQGG	NxGen Hereditary Cancer Panel	NxGen MDx
76CWG	OncoGene Dx Custom Panel	GeneDx
7XZNG	Oncopanel germline: custom capture next generation sequencing for cancer risk	Brigham and Women's Hospital - Center for Advanced Molecular Diagnostics
7V3LG	OnkoRisk Hereditary Oncology Guideline Panel (Non-NYS)	BioReference Laboratories
7V3MG	OnkoRisk Hereditary Oncology Management Panel (Non-NYS)	BioReference Laboratories
7V3KG	OnkoRisk Hereditary Oncology Plus Panel (Non-NYS)	BioReference Laboratories
78FJG	Pan-cancer DNA Analysis	Children's Hospital Colorado Precision Diagnostics Laboratory
2TQXG	PrevenTest	Advanced Molecular Diagnostics, LLC
74G2G	Rest of Comprehensive Common Cancer Panel: HBOC	GeneDx
7RVTG	Riskguard	Exact Sciences Laboratories, LLC
7B7FG	STAT Comprehensive Cancer Panel	PerkinElmer Genomics
7TS6G	Targeted Oncology Panel Next Generation Sequencing Bone Marrow	Cleveland Clinic Laboratories
7TS7G	Targeted Oncology Panel Next Generation Sequencing Cytology	Cleveland Clinic Laboratories
7TS9G	Targeted Oncology Panel Next Generation Sequencing Other	Cleveland Clinic Laboratories
7VPJG	Tempus  xG Common Hereditary Cancers 36 genes (all other hereditary cancer indications)	Tempus AI, Inc.
7VPFG	Tempus  xG+ Extended Hereditary Cancers 88 genes (all other hereditary cancer indications)	Tempus AI, Inc.

GTU	Test Name	Laboratory Name
76D8G	VistaSeq Hereditary Cancer Panel	Integrated Genetics
76BXG	VistaSeq Hereditary Cancer Panel	LabCorp
76BRG	VistaSeq Hereditary Cancer Panel	Labcorp   Oncology

### Pharmacogenetic Neuropsychiatric Panel Tests <sup>1</sup>

GTU	Test Name	Laboratory Name
7T3YG	Comprehensive Pharmacogenetics Panel	Cincinnati Children's Hospital Medical Center - Molecular Genetics and Cytogenetics Laboratories
2FGMG	Drug Metabolizing Enzymes Panel (CYP2D6, CYP2C9, CYP2C19), DNA analysis	Shodair Children's Hospital - Genetics Laboratory
7VN9G	EffectiveRx Neuropsychiatric Panel	GENETWORx
2AUXG	GeneSight Psychotropic	Myriad Genetics
33Y2G	Genetic Pharmacology Psychiatry Drug Panel	Cincinnati Children's Hospital Medical Center - Molecular Genetics and Cytogenetics Laboratories
6S83G	Genomind PGx Test	Genomind
7S9DG	IDgenetix	Castle Biosciences Inc
7Y2XG	iPsychGx	iGenomeDx
7WZVG	Otogenetics PGx Mental Health	Otogenetics
7URYG	PGx: Mental Health Panel	Helix
7QENG	Pharmacogenetics Panel: Psychotropics	ARUP Laboratories
7UNVG	Pharmacogenetics Panel: Psychotropics, with GeneDose Access	ARUP Laboratories
7PRTG	Psych HealthPGx Panel	RPRD Diagnostics LLC
6UAFG	Psychotropic Pharmacogenomics Gene Panel, Varies	Mayo Clinic Laboratories
3WG4G	SureGene	Clinical Reference Laboratory
33HHG	Tempus nP	Tempus AI, Inc.

## Prostate Cancer Prognostic Algorithmic Tests

GTU	Test Name	Laboratory Name
7Y3JG	ArteraAI	Artera
7BN5G	Decipher Prostate Genomic Classifier	Veracyte
7Q8UG	Genomic Prostate Score® Test	MDx Health
6UUUG	Prolaris	Myriad Genetics
6UU7G	Prolaris Biopsy	Myriad Genetics

## Rapid Genome Sequencing Tests

GTU	Test Name	Laboratory Name
7VRKG	GenomeXpress® - Duo - Rapid Genome Sequencing	GeneDx
7VRLG	GenomeXpress® - Proband - Rapid Genome Sequencing	GeneDx
6UNRG	GenomeXpress® - Trio - Rapid Genome Sequencing	GeneDx
6R9TG	MNGenome STAT DUO Sequencing	MNG Laboratories
6R9RG	MNGenome STAT Proband Only Sequencing	MNG Laboratories
6R9NG	MNGenome STAT TRIO Sequencing	MNG Laboratories
3CSHG	PGnome® - RAPID - Duo	PreventionGenetics, part of Exact Sciences
3VD3G	PGnome® - RAPID - Trio	PreventionGenetics, part of Exact Sciences
3VAEG	PGnome® - RAPID Patient Only	PreventionGenetics, part of Exact Sciences
7V9ZG	Rapid Duo WGS	AiLife Diagnostics
86SYG	Rapid Duo Whole Genome Sequencing	Baylor Genetics, LLC
7V9VG	Rapid Proband WGS	AiLife Diagnostics
86SZG	Rapid Proband Whole Genome Sequencing	Baylor Genetics, LLC
7U3JG	Rapid Targeted Analysis of Family Member	Children's Hospital of Philadelphia - Division of Genomic Diagnostics
7V9XG	Rapid Trio WGS	AiLife Diagnostics
7AUWG	Rapid Trio Whole Genome Sequencing	Baylor Genetics, LLC
7T4JG	Rapid Whole Genome Sequencing	ARUP Laboratories
7RNXG	Rapid Whole Genome Sequencing Duo	Rady Children's Institute for Genomic Medicine

GTU	Test Name	Laboratory Name
7RNYG	Rapid Whole Genome Sequencing Proband Only	Rady Children's Institute for Genomic Medicine
7RNZG	Rapid Whole Genome Sequencing Trio	Rady Children's Institute for Genomic Medicine
7T4LG	Rapid Whole Genome Sequencing, Familial Control	ARUP Laboratories
7T4KG	Rapid Whole Genome Sequencing, Familial Control with Report	ARUP Laboratories
7ZR9G	STAT Prenatal Whole Genome Sequencing, DUO	PerkinElmer Genomics
7ZR7G	STAT Prenatal Whole Genome Sequencing, Proband ONLY	PerkinElmer Genomics
7ZRBG	STAT Prenatal Whole Genome Sequencing, QUAD	PerkinElmer Genomics
7ZR8G	STAT Prenatal Whole Genome Sequencing, TRIO	PerkinElmer Genomics
7RSEG	Ultra-rapid Whole Genome Sequencing	Rady Children's Institute for Genomic Medicine
7U24G	Whole Genome Sequencing, Rapid-Duo (Baylor)	University of Michigan - Michigan Medical Genetics Laboratories
7U25G	Whole Genome Sequencing, Rapid-Proband (Baylor)	University of Michigan - Michigan Medical Genetics Laboratories

### Thyroid Cancer Diagnostic Algorithmic Tests

GTU	Test Name	Laboratory Name
2YBRG	Afirma Genomic Sequencing Classifier	Veracyte
7S8XG	Afirma Xpression Atlas	Veracyte
6LJEG	Cytology + Reflex to ThyGeNEXT only	Interpace Diagnostics
6LJCG	Cytology + Reflex to ThyGeNEXT w/Reflex to ThyraMIR	Interpace Diagnostics
6UW7G	ThyGeNEXT only	Interpace Diagnostics
6LJDG	ThyGeNEXT w/ Reflex to ThyraMIR	Interpace Diagnostics
6UUFG	ThyroSeq	CBLPath
6UTYG	ThyroSeq® Test Details	University of Pittsburgh Medical Center - Division of Molecular Diagnostics

### TPMT and NUDT15 Typing Tests

GTU	Test Name	Laboratory Name
33HDG	NT Panel (NUDT15, TPMT)	RPRD Diagnostics LLC
48S9G	PGX TPMT and NUDT15 Genotyping	Indiana University Molecular Genetics Diagnostic Laboratory - Indiana University Medical Center, School of Medicine

GTU	Test Name	Laboratory Name
6RA6G	Thiopurine Methyltransferase (TPMT) and Nudix Hydrolase (NUDT15) Genotyping, Varies	Mayo Clinic Laboratories
3ADCG	TPMT and NUDT15	ACL Laboratories
7C3XG	TPMT and NUDT15	Allina Health Laboratory
2533G	TPMT and NUDT15	ARUP Laboratories
7BEHG	TPMT and NUDT15	Clinical Pathology Laboratories
34EWG	TPMT and NUDT15	University of California Davis Health System - UCDMC - Molecular and Cytogenetic Laboratory
7WSFG	TPMT and NUDT15	University of Minnesota Physicians Outreach Laboratory
7U5AG	TPMT and NUDT15	University of Pennsylvania School of Medicine - Molecular Pathology Laboratory
79YEG	TPMT and NUDT15 Genotype	ProPath
7TRSG	TPMT and NUDT15 Genotyping	LabCorp
34EKG	TPMT and NUDT15 Genotyping	Stanford Clinical Laboratories - Biochemical Genetics Laboratory
2KQGG	TPMT and NUDT15 Genotyping	University of North Carolina Hospitals - Molecular Genetics

### Tumor Specific BCR/ABL Quantitation and Breakpoint Analysis Tests

GTU	Test Name	Laboratory Name
2YTJG	BCR / ABL - t(9;22) by RT-PCR (Quantitative)	Labcorp   Oncology
3LU5G	BCR ABL P210 QUANT	SUNY Upstate Medical University
7W5EG	BCR ABL1 Major Breakpoint Quant P210	University of Minnesota Physicians Outreach Laboratory
7BQPG	BCR/ABL by FISH	Allina Health Laboratory
6ND3G	BCR/ABL D-FISH	Center for Genetic Testing at Saint Francis
3KP8G	BCR/ABL qRT PCR, Major p210 and Minor p190 Mutations, Minimal Residual Disease	Molecular Pathology Laboratory Network
2V82G	BCR/ABL Quantification by RT-PCR	BioReference Laboratories
6YXMG	BCR/ABL t(9;22) major (p210) IS Quantitative	Molecular Diagnostic Laboratory - Barnes Jewish Hospital
6UV4G	BCR/ABL1 (T(9;22)) RNA Quantitative with Interpretation	University of Iowa Hospitals and Clinics - Department of Pathology
6LE9G	BCR/ABL1 (T(9;22)) RNA Quantitative with Interpretation	University of Iowa Hospitals and Clinics - Department of Pathology

<b>GTU</b>	<b>Test Name</b>	<b>Laboratory Name</b>
<b>7VVVG</b>	BCR/ABL1 Kinase Mutation Analysis by NGS	City of Hope National Medical Center - Molecular Diagnostic Laboratory
<b>5SUVG</b>	BCR/ABL1 p190 Quantitative PCR Blood	Cleveland Clinic Laboratories
<b>5UA8G</b>	BCR/ABL1 p190 Quantitative PCR Bone Marrow	Cleveland Clinic Laboratories
<b>7TH5G</b>	BCR/ABL1 p210 and p190 Diagnostic PCR Blood	Cleveland Clinic Laboratories
<b>7TH6G</b>	BCR/ABL1 p210 and p190 Diagnostic PCR Bone Marrow	Cleveland Clinic Laboratories
<b>5UAAG</b>	BCR/ABL1 p210 Quantitative PCR Blood	Cleveland Clinic Laboratories
<b>6LQRG</b>	BCR/ABL1 p210 Quantitative PCR Bone Marrow	Cleveland Clinic Laboratories
<b>5PH3G</b>	BCR-ABL Diagnostic, Blood	Johns Hopkins Medical Institutions - Pathology Laboratory
<b>4GZ7G</b>	BCR-ABL Diagnostic, Bone Marrow	Johns Hopkins Medical Institutions - Pathology Laboratory
<b>5W36G</b>	BCR-ABL Mutation	University of Illinois at Chicago - Biochemical Genetics Laboratory
<b>5PGYG</b>	BCR-ABL p190 Followup, Blood	Johns Hopkins Medical Institutions - Pathology Laboratory
<b>4GLHG</b>	BCR-ABL p190 Followup, Bone Marrow	Johns Hopkins Medical Institutions - Pathology Laboratory
<b>4AGMG</b>	BCR-ABL p210 Followup, Blood	Johns Hopkins Medical Institutions - Pathology Laboratory
<b>3AUMG</b>	BCR-ABL p210 Followup, Bone Marrow	Johns Hopkins Medical Institutions - Pathology Laboratory
<b>723HG</b>	BCR-ABL1 Gene Rearrangement, Quantitative, PCR	Quest Diagnostics
<b>7WVTG</b>	BCR-ABL1 High Sensitivity Major p210	University of Minnesota Physicians Outreach Laboratory
<b>8E7CG</b>	BCR-ABL1 Major (p210) by Quantitative RT-PCR for Monitoring	Medfusion
<b>8E7GG</b>	BCR-ABL1 Major (p210) by Quantitative RT-PCR with Reflex to Minor (p190) for Baseline Quantitation	Medfusion
<b>2ZTAG</b>	BCR-ABL1 Non-Standard p230	NeoGenomics Laboratories
<b>7BDCG</b>	BCR-ABL1 QUAL, RFLX QUANT, NEW DIAGNOSIS	Clinical Pathology Laboratories
<b>7AEXG</b>	BCR-ABL1 QUAL, RFLX QUANT, NEW DIAGNOSIS, WHOLE BLOOD	Clinical Pathology Laboratories
<b>7AF2G</b>	BCR-ABL1 QUANT, MAJOR, WHOLE BLOOD	Clinical Pathology Laboratories
<b>7AEZG</b>	BCR-ABL1 QUANT, MINOR, WHOLE BLOOD	Clinical Pathology Laboratories
<b>73BFG</b>	BCR-ABL1 Standard p210, p190	NeoGenomics Laboratories
<b>6X7DG</b>	BCR-ABL1 Transcript Detection for Chronic Myelogenous Leukemia (CML) and Acute Lymphocytic Leukemia (ALL), Quantitative	LabCorp

GTU	Test Name	Laboratory Name
86NEG	BCR-ABL1, Major (p210), Quantitative	Molecular Diagnosis - University of Rochester Medical Center - Strong Memorial Hospital
7BDEG	BCR-ABL1, QUANT, CML MONITORING (p210)	Clinical Pathology Laboratories
7BDAG	BCR-ABL1, QUANT, MINOR (p190)	Clinical Pathology Laboratories
5YZ4G	FISH (9_22)	SUNY Upstate Medical University
6VXDG	QUANTITATIVE DETECTION OF BCR-ABL1 MAJOR FORM (p210)	University of California Davis Health System - UCDMC - Molecular and Cytogenetic Laboratory

### Tumor-Type Agnostic Solid Tumor Molecular Profiling Panel Tests (51 or more genes)

GTU	Test Name	Laboratory Name
86SBG	Altera Tumor Profiling	Natera
3CQFG	Columbia Combined Cancer Panel (CCCP)	Columbia University - Personalized Genomic Medicine
2CV6G	Comprehensive NGS Solid Tumor Mutation Panel	UCSD - Molecular Diagnostics & Cytogenetics Laboratory
2D5CG	Comprehensive Solid Tumor (DNA and RNA analysis)	Children's Hospital Colorado Precision Diagnostics Laboratory
7VQWG	Comprehensive Solid Tumor Panel	Children's Hospital of Philadelphia - Division of Genomic Diagnostics
72Y9G	Endeavor Comprehensive Solid Tumor Profile	PathGroup
6R4AG	FoundationOne CDx	Foundation Medicine
7UJGG	Fusion Transcript Panel	University of Pennsylvania School of Medicine - Molecular Pathology Laboratory
3V7ZG	GatorSeq (NGS Panel)	University of Florida - Health Pathology Laboratories
7XMNG	GeneAssure Solid Tumor NGS Assay	University of Illinois at Chicago - Biochemical Genetics Laboratory
72MCG	GeneTrails Comprehensive Solid Tumor Panel	Knight Molecular Diagnostic
6YSYG	GeneTrails Solid Tumor Panel with Reflex to Solid Tumor Fusion Gene Panel	Knight Molecular Diagnostic
86PJG	Guardant360 TissueNext	Guardant Health
6ZQMG	Iowa Cancer Mutation and RNA Fusion Profile and Interpretation	University of Iowa Hospitals and Clinics - Department of Pathology
7AWEG	MayoComplete Solid Tumor Panel, Next-Generation Sequencing, Tumor	Mayo Clinic Laboratories
292AG	MI Cancer Seek	Caris Life Sciences
6WUTG	MI Tumor Seek Hybrid	Caris Life Sciences



<b>GTU</b>	<b>Test Name</b>	<b>Laboratory Name</b>
<b>6UUMG</b>	MSK-IMPACT	Memorial Sloan Kettering Cancer Center
<b>7SSDG</b>	Neo Comprehensive - Solid Tumor	NeoGenomics Laboratories
<b>7529G</b>	NeXT Dx™	Personalis
<b>34WBG</b>	NGS Solid Tumor Panel	Johns Hopkins Medical Institutions - Pathology Laboratory
<b>7V34G</b>	OncoAlly Solid Tumor Analysis	Variantyx, Inc.
<b>7BNDG</b>	OncoExTra®	Exact Sciences Laboratories, LLC
<b>2YA6G</b>	OncoGxOne	Admera Health
<b>7XZMG</b>	Oncopanel: 447 gene custom capture next generation sequencing	Brigham and Women's Hospital - Center for Advanced Molecular Diagnostics
<b>76ETG</b>	Oncoplex Select Cancer Gene Panel	University of Washington Medical Center - Laboratory Medicine-Genetics Laboratory
<b>76EQG</b>	Oncoplex Select Director	University of Washington Medical Center - Laboratory Medicine-Genetics Laboratory
<b>76EYG</b>	Oncoplex Select Interpretation	University of Washington Medical Center - Laboratory Medicine-Genetics Laboratory
<b>76EZG</b>	Oncoplex Select Methods	University of Washington Medical Center - Laboratory Medicine-Genetics Laboratory
<b>76ESG</b>	Oncoplex Select Panel	University of Washington Medical Center - Laboratory Medicine-Genetics Laboratory
<b>76ERG</b>	Oncoplex Select Result	University of Washington Medical Center - Laboratory Medicine-Genetics Laboratory
<b>76EXG</b>	Oncoplex Select Tested Sample	University of Washington Medical Center - Laboratory Medicine-Genetics Laboratory
<b>7UUYG</b>	OnkoSight Advanced 523 Gene NGS Panel	BioReference Laboratories
<b>7SSVG</b>	OnkoSight Advanced 523 Gene NGS Reanalysis with PierianDx	BioReference Laboratories
<b>7URPG</b>	OnkoSight Advanced 523 Gene NGS with PierianDx Interpretation	BioReference Laboratories
<b>2FLHG</b>	Paired Tumor/Normal – Comprehensive Solid Tumor Panel	Children's Hospital of Philadelphia - Division of Genomic Diagnostics
<b>2FLGG</b>	Paired Tumor/Normal – Solid Tumor Panel	Children's Hospital of Philadelphia - Division of Genomic Diagnostics
<b>7TKLG</b>	Pan-Cancer Solid Tumor NGS Panel	UCLA Diagnostic Molecular Pathology Laboratory
<b>7UJFG</b>	PennSeq Solid Tumor Panel	University of Pennsylvania School of Medicine - Molecular Pathology Laboratory

<b>GTU</b>	<b>Test Name</b>	<b>Laboratory Name</b>
<b>2K9WG</b>	PGDx elio tissue complete	Personal Genome Diagnostics
<b>7A5HG</b>	Precise Tumor	Myriad Genetics
<b>2DSFG</b>	RNA Fusion Analysis	Children's Hospital Colorado Precision Diagnostics Laboratory
<b>7ATMG</b>	SOLID TUMOR COMPREHENSIVE PANEL (Combined solid tumor mutation and fusion panels)	Texas Children's Hospital
<b>2D5BG</b>	Solid Tumor DNA Analysis	Children's Hospital Colorado Precision Diagnostics Laboratory
<b>7SVMG</b>	Solid Tumor Expanded Panel	Quest Diagnostics
<b>3CSSG</b>	Solid Tumor Molecular Profile	Fulgent Genetics
<b>2NSPG</b>	Solid Tumor NGS Panel	University of Michigan - Michigan Medical Genetics Laboratories
<b>2FRPG</b>	Solid Tumor Panel	Children's Hospital of Philadelphia - Division of Genomic Diagnostics
<b>6UWNG</b>	Solid tumor panel - Somatic Mutation Analysis	Centogene
<b>2LEVG</b>	Solid Tumor Targeted Cancer Gene Panel by Next-Generation Sequencing, NGS	Medical College of Wisconsin - Human and Molecular Genetics Center
<b>7C3KG</b>	Solid tumor targeted NGS panel	Allina Health Laboratory
<b>7UQMG</b>	Solid TumorSEQ Expanded Panel	Medfusion
<b>2CPUG</b>	Strata Select	Strata Oncology
<b>7TXFG</b>	Tempus xT (tumor only), Paraffin Block	University of Michigan - Michigan Medical Genetics Laboratories
<b>7TXHG</b>	Tempus xT Targeted Panel (Tumor plus Blood)	University of Michigan - Michigan Medical Genetics Laboratories
<b>7TXJG</b>	Tempus xT Targeted Panel (Tumor plus Saliva)	University of Michigan - Michigan Medical Genetics Laboratories
<b>7VPEG</b>	Tempus xT CDx: FDA-approved Companion Diagnostic	Tempus AI, Inc.
<b>86SDG</b>	Tempus xT: Targeted panel of 648 genes (Solid Tumor Only)	Tempus AI, Inc.
<b>6RWJG</b>	TempusTM Test	ACL Laboratories
<b>7Y3KG</b>	UPMC Oncomine	University of Pittsburgh Medical Center - Division of Molecular Diagnostics
<b>6LS8G</b>	UW OncoPlex Cancer Gene Panel	University of Washington Medical Center - Laboratory Medicine-Genetics Laboratory
<b>5LYGG</b>	UW OncoPlex Single Gene	University of Washington Medical Center - Laboratory Medicine-Genetics Laboratory

## Tumor-Type Agnostic Solid Tumor Molecular Profiling Panel Tests (5-50 genes)

GTU	Test Name	Laboratory Name
2LVRG	Cancer Mutation Profiling and Interpretation	University of Iowa Hospitals and Clinics - Department of Pathology
2LCCG	Cancer Mutation Profiling Blood Paired Normal Testing	University of Iowa Hospitals and Clinics - Department of Pathology
2XYRG	Columbia Solid Tumor (CSTP) Subpanels	Columbia University - Personalized Genomic Medicine
5BZJG	Columbia Solid Tumor Panel (CSTP)	Columbia University - Personalized Genomic Medicine
7BZJG	GIST targeted NGS panel	Allina Health Laboratory
5BRWG	NGS Solid Tumor Hotspot Panel	Johns Hopkins Medical Institutions - Pathology Laboratory
86LTG	OnkoSight Advanced Solid Tumor NGS Panel	BioReference Laboratories
4ZPLG	Solid Tumor 15 Genes Panel by NGS	Beaumont Laboratories - Molecular Pathology Lab
2E5TG	Solid Tumor Core Panel	Quest Diagnostics
6VAPG	Solid Tumor Mutation Panel	Ohio State University - Molecular Pathology Laboratory
6V3PG	Solid Tumor Mutation Panel 15	ACL Laboratories
7DK3G	Solid Tumor Mutation Panel, Sequencing	ARUP Laboratories
7PVTG	Solid Tumor Precision Panel	Nebraska Medical Center - Molecular Diagnostic Laboratory
7UQNG	Solid TumorSEQ Core Panel	Medfusion
7XWDG	Tumor (NOS) - Custom Panel - 5 Probes	John Hopkins All Children's Hospital

## Tumor-Type Agnostic Molecular Profiling Panels Tests with IHC and Cytogenetic Analyses

GTU	Test Name	Laboratory Name
7VVCG	HopeSeq FNA Comprehensive Panel	City of Hope National Medical Center - Molecular Diagnostic Laboratory
7VVDG	HopeSeq Solid Tumors Comprehensive Panel	City of Hope National Medical Center - Molecular Diagnostic Laboratory
7SS9G	Lumera NGS Profile	Fulgent Genetics
7SSAG	Lumera Xpanded Profile	Fulgent Genetics
7SPFG	MI Tumor Seek Hybrid + IHCs and Other Tests by Tumor Type	Caris Life Sciences
6WRQG	NeoTYPE® Discovery Profile for Solid Tumors	NeoGenomics Laboratories
74TLG	NeoTYPE® Precision Profile for Solid Tumors	NeoGenomics Laboratories
6Y7FG	OmniSeq Advance Assay	Labcorp   Oncology

GTU	Test Name	Laboratory Name
87BHG	OmniSeq INSIGHT	LabCorp

### Uveal Melanoma Prognostic Algorithmic Tests

GTU	Test Name	Laboratory Name
6UTUG	DecisionDx-UM	Castle Biosciences Inc
2BLLG	Uveal Melanoma Prognostic Test	LabCorp

### X-Linked Intellectual Disability Panel Tests <sup>1</sup>

GTU	Test Name	Laboratory Name
2FM3G	90-gene XLID Panel	Children's Hospital of Philadelphia - Division of Genomic Diagnostics
7V35G	Genomic Unity® X-linked Intellectual Disability Plus Analysis	Varietyx, Inc.
4XMCG	PANEL 2 (ATPGAP2, OPHN1, SLC6A8, SYN1) SEQUENCING ONLY	Center for Human Genetics, Inc.
4SMHG	PANEL 2 MLPA (OPHN1, SLC6A8)	Center for Human Genetics, Inc.
78KLG	PGXome Custom - Intellectual Disability, X-linked	PreventionGenetics, part of Exact Sciences
23XZG	XLID (X-Linked Intellectual Disability) NGS Panel (Deletion/Duplication Only)	Fulgent Genetics
5DSSG	XLID (X-Linked Intellectual Disability) NGS Panel (Sequencing & Deletion/Duplication)	Fulgent Genetics
34N9G	XLID (X-Linked Intellectual Disability) NGS Panel (Sequencing Only)	Fulgent Genetics
4S99G	XLID TIER 1 SEQUENCING	Center for Human Genetics, Inc.
3KWVG	XLID TIER 2 MLPA	Center for Human Genetics, Inc.
3KMHG	XLID TIER 2 SEQUENCING	Center for Human Genetics, Inc.
5YXXG	XLID TIER 3 MLPA ONLY	Center for Human Genetics, Inc.
2BSYG	XLID TIER 3 SEQUENCING ONLY	Center for Human Genetics, Inc.
5XPVG	XLID TIER 4 MLPA	Center for Human Genetics, Inc.
55YDG	XLID TIER 4 SEQUENCING ONLY	Center for Human Genetics, Inc.
2BYZG	X-linked Intellectual Disability (NGS Panel and Copy Number Analysis + Fragile X Repeat Expansion & Methylation)	MNG Laboratories

<b>GTU</b>	<b>Test Name</b>	<b>Laboratory Name</b>
<b>33HUG</b>	X-Linked Intellectual Disability (XLID) NGS Panel	Greenwood Genetic Center - Molecular Diagnostic Laboratory
<b>4YJGG</b>	X-linked Intellectual Disability Panel	PreventionGenetics, part of Exact Sciences
<b>7727G</b>	X-Linked Non-Specific Intellectual Disability Panel	The University of Chicago Genetic Services

<sup>1</sup>Category and tests therein are considered experimental and investigational (E/I).