

# Genetic Tests and Laboratory Matrix

The matrix below contains all the genetic tests which National Imaging Associates (NIA) manages. This matrix is designed to assist in determining if a genetic test requires authorization through NIA. 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 NIA 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.

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## Genetic Tests and Laboratory Matrix

### Arrhythmia Panel Tests

GTU	Test Name	Laboratory Name
6S34G	Arrhythmia / cardiac conduction defect	Fairview Diagnostic Laboratories
2Y7CG	Arrhythmia Comprehensive Panel	PerkinElmer Genomics
2YLUG	Arrhythmia Panel	Blueprint Genetics
6L93G	Arrhythmia Panel	GeneDx
7DMRG	Arrhythmia Panel	Washington University in St. Louis Genomics and Pathology Services
2EPVG	Arrhythmia Panel NGS	All Children's Hospital
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
77ANG	Atrial Fibrillation Panel	Blueprint Genetics
77WVG	Atrial fibrillation, familial	Fairview Diagnostic Laboratories
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

GTU	Test Name	Laboratory Name
25DJG	Comprehensive Arrhythmia NGS Panel (Sequencing & Deletion/Duplication)	Fulgent Genetics
3EQZG	Comprehensive Arrhythmia NGS Panel (Sequencing Only)	Fulgent Genetics
33XQG	Comprehensive Arrhythmia Panel	Cincinnati Children's Hospital Medical Center - Molecular Genetics and Cytogenetics Laboratories
2LNNG	Comprehensive Arrhythmias Panel	Knight Molecular Diagnostic
5C8DG	Comprehensive Cardiac Arrhythmia Panel	PreventionGenetics, part of Exact Sciences
52PAG	Familial Atrial Fibrillation – FAF (14 genes) Deletion/Duplication Panel	Baylor College of Medicine - John Welsh Cardiovascular Diagnostic Laboratory
2FPEG	Familial Atrial Fibrillation – FAF (14 genes) NGS + Sanger fill-in Panel	Baylor College of Medicine - John Welsh Cardiovascular Diagnostic Laboratory
3BQFG	Familial Atrial Fibrillation – FAF (14 genes) NGS Panel	Baylor College of Medicine - John Welsh Cardiovascular Diagnostic Laboratory
3LMAG	Familial Atrial Fibrillation (FAF) Panel Sequencing	Indiana University Molecular Genetics Diagnostic Laboratory - Indiana University Medical Center, School of Medicine
78FYG	Familial Atrial Fibrillation Syndrome Panel	PreventionGenetics, part of Exact Sciences
4ZNAG	GeneSeq®: Cardio Familial Arrhythmia Panel	LabCorp
4ZP3G	GeneSeq®: Cardio-Familial Arrhythmia Profile	Integrated Genetics
2BXYG	Hereditary Cardiac Arrhythmia (NGS Panel and Copy Number Analysis)	MNG Laboratories
76Q4G	Hereditary Ventricular Tachycardia Syndromes (NGS Panel and Copy Number Analysis)	MNG Laboratories
25JTG	Invitae Arrhythmia Comprehensive Panel	Invitae Corporation
44YPG	Invitae Arrhythmia Comprehensive Panel-Add-on Preliminary-evidence Genes for Arrhythmia	Invitae Corporation
76S9G	Invitae Arrhythmia Comprehensive Panel-Add-on Sudden Unexpected Death in Epilepsy (SUDEP) Genes	Invitae Corporation
3E7RG	Pan Arrhythmia (54 genes) Deletion/Duplication Panel	Baylor College of Medicine - John Welsh Cardiovascular Diagnostic Laboratory
2FQGG	Pan Arrhythmia (54 genes) NGS + Sanger fill-in Panel	Baylor College of Medicine - John Welsh Cardiovascular Diagnostic Laboratory
54N6G	Pan Arrhythmia (54 genes) NGS Panel	Baylor College of Medicine - John Welsh Cardiovascular Diagnostic Laboratory
783JG	Rest of Arrhythmia after Brugada Syndrome Panel	GeneDx

GTU	Test Name	Laboratory Name
783UG	Rest of Arrhythmia after CPVT Panel	GeneDx
775WG	Rest of Arrhythmia after LQTS Panel	GeneDx
6DDUG	Rest of Arrhythmia after SCA Panel	GeneDx
222MG	RhythmNext	Ambry Genetics
58GWW	SCA Arrhythmia Panel	Johns Hopkins Medical Institutions - Pathology Laboratory
7B7BG	STAT Arrhythmia Comprehensive Panel	PerkinElmer Genomics
6DTGG	Sudden Cardiac Arrest Arrhythmia Panel	GeneDx
77GKG	Sudden Cardiac Arrest Panel	PreventionGenetics, part of Exact Sciences
4AAWG	Ventricular fibrillation, familial	Fairview Diagnostic Laboratories

### 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
7TMWG	BRCA HRR Deficiency NGS Panel with Fusion	University of Minnesota Physicians Outreach Laboratory
26REG	BRCA Panel (BRCA1, BRCA2)	Palo Verde Laboratory - division of Sonora Quest Lab
2E63G	BRCA Panel (BRCA1, BRCA2)	Quest Diagnostics
2SECG	BRCA1 & BRCA2 Panel-NGS	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
2TT6G	BRCA1 and BRCA2 Hereditary Gene Analysis Deletion and Duplication	University of Minnesota Physicians Outreach Laboratory
7QGKG	BRCA1 and BRCA2 Sequencing	Clinical Pathology Laboratories
7U26G	BRCA1 and BRCA2 Sequencing (NGS)	University of Michigan - Michigan Medical Genetics Laboratories

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GTU	Test Name	Laboratory Name
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
79AFG	BRCA1, BRCA2 panel - NGS Panel	Centogene
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
4RLXG	BRCA1/2 Sequencing and Del/Dup Analysis	BioReference Laboratories
6DTQG	BRCA1/2 Sequencing and Del/Dup Analysis	GeneDx
7SF6G	BRCA1/2 Sequencing and Del/Dup Analysis	Sema4
3D8PG	BRCA1/2 Sequencing and Deletion Duplication Analysis	ACL Laboratories
3SEYG	BRCA1/2 Sequencing Test	Gene by Gene
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
6UQTG	BRCA1-2 with RNAinsight	Ambry Genetics
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
6RRLG	HBOC Panel	University of Oklahoma Health Sciences Center - Genetics Laboratory
57DKG	Hereditary Breast and Ovarian Cancer BRCA1/2 Panel	PreventionGenetics, part of Exact Sciences
32SZG	Hereditary Breast and Ovarian Cancer Syndrome Panel	PerkinElmer Genomics
2CHKG	Hereditary cancer BRCA1 BRCA2	Fairview Diagnostic Laboratories

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GTU	Test Name	Laboratory Name
2V8RG	Integrated BRAC Analysis, EDTA Whole Blood (BRACA 1 & 2 Testing)	Marshfield Labs
6RMHG	Integrated BRACAnalysis	Myriad Genetics
7QDVG	Integrated Reflex BRACAnalysis	Myriad Genetics
44N2G	Invitae BRCA1 and BRCA2 STAT Panel	Invitae Corporation
442GG	Invitae BRCA1/2 Panel	Invitae Corporation
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

### Breast Cancer Prognostic Algorithmic Tests

GTU	Test Name	Laboratory Name
4K7JG	Agendia Breast Cancer Test Suite	Agendia, Inc.
4ZMDG	Breast Cancer Prognostic Gene Signature Assay (Prosigna ), IVD	LabCorp
6UVJG	EndoPredict	Myriad Genetics
49Z2G	MammaPrint	Agendia, Inc.
4ZS9G	Prosigna Assay	NeoGenomics Laboratories
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
6UU3G	Prosigna™ Breast Cancer Prognostic Gene Signature Assay	City of Hope National Medical Center - Molecular Diagnostic Laboratory

### Breast Cancer Treatment and Prognostic Algorithmic Tests

GTU	Test Name	Laboratory Name
6UU2G	Breast Cancer Index	bioTheragnostics
759GG	Breast Cancer Index (BCI)	NeoGenomics Laboratories
2VDEG	Oncotype Dx Breast Cancer Assay	Marshfield Labs

GTU	Test Name	Laboratory Name
7BNGG	Oncotype DX Breast Recurrence Score Test	Exact Sciences Laboratories, LLC
7ULPG	Rapid Hereditary Breast Cancer Treatment Decision Panel, Varies	Mayo Clinic Laboratories

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

GTU	Test Name	Laboratory Name
6R3DG	FoundationOne®Liquid CDx	Foundation Medicine
7BZFG	FoundationOne®Liquid CDx (For Allina outpatient use only)	Allina Health Laboratory
27X9G	Guardant 360 Tumor Sequencing Assay	University of Minnesota Physicians Outreach Laboratory
7ABJG	Guardant360	Guardant Health
6UW6G	Guardant360 CDx	Guardant Health
7TMMG	LiquidHALLMARK	Lucence Health
2B64G	Tempus  xF: Liquid Biopsy Panel of 105 Genes	Tempus Clinical Laboratory

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

GTU	Test Name	Laboratory Name
7S9FG	HelioLiver	Fulgent Genetics
7RWNG	MayoComplete Liquid Biopsy Panel, Next-Generation Sequencing, Cell-Free DNA	Mayo Clinic Laboratories
3FYGG	NeoLAB Solid Tumor Liquid Biopsy	NeoGenomics Laboratories
537NG	PGDx elio plasma resolve*	Personal Genome Diagnostics
7TXKG	Tempus xF Liquid Biopsy Test, blood	University of Michigan - Michigan Medical Genetics Laboratories

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

GTU	Test Name	Laboratory Name
2KSUG	511810 Follow-Up Prenatal CMA qPCR	LabCorp
6S7ZG	Anora Miscarriage Test (Fresh)	Natera
2EXPG	Anora Miscarriage Test (Paraffin)	Natera
79AMG	CentoArrayCyto 750K - Array CGH (prenatal)	Centogene
79APG	CentoArrayCyto HD - Array CGH (prenatal)	Centogene

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GTU	Test Name	Laboratory Name
<b>2EW5G</b>	CGH-POC: Comparative Genomic Hybridization	New Jersey Medical School - Institute of Genomic Medicine
<b>2EKCG</b>	Chromosomal Microarray - Prenatal Diagnosis	Knight Molecular Diagnostic
<b>2EDZG</b>	Chromosomal Microarray Analysis - CMA Products of Conception (POC) (Affymetrix CytoScan HD array)	Washington University in St. Louis Pathology Services
<b>2LBVG</b>	Chromosomal Microarray Analysis - Prenatal CMA Amniotic Fluid (Affymetrix CytoScan HD array)	Washington University in St. Louis Pathology Services
<b>2QYYG</b>	Chromosomal Microarray Analysis - Prenatal CMA Chorionic Villi Sampling (Affymetrix CytoScan HD array)	Washington University in St. Louis Pathology Services
<b>33K3G</b>	Chromosomal Microarray Analysis - Tissue	Baylor Genetics, LLC
<b>6LRAG</b>	Chromosomal Microarray Analysis (CMA) - Products of Conception	Allina Health Laboratory
<b>33X4G</b>	Chromosomal Microarray Prenatal (CMAP)	Marshfield Labs
<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>8EPBG</b>	Chromosomal Microarray, Postnatal Familial Follow-up, ClariSure Oligo-SNP	Quest Diagnostics
<b>2ETFG</b>	Chromosomal Microarray, Prenatal, ClariSure	Johns Hopkins Medical Institutions - Pathology Laboratory
<b>6LEBG</b>	Chromosomal Microarray, Prenatal	Hennepin County Medical Center
<b>6R47G</b>	Chromosomal Microarray, Prenatal, Amniotic Fluid/Chorionic Villus Sampling	Mayo Clinic Laboratories
<b>7U36G</b>	Chromosomal Microarray, Prenatal, Amniotic Fluid/Chorionic Villus Sampling	University of Michigan - Michigan Medical Genetics Laboratories
<b>2EQ3G</b>	Chromosomal Microarray, Prenatal, ClariSure Oligo-SNP	Quest Diagnostics
<b>2WTCG</b>	CHROMOSOMAL MICROARRAY,PRENATAL CLARISURE	Empire City Laboratories, Inc.



GTU	Test Name	Laboratory Name
<b>2EE3G</b>	Prenatal Microarray Analysis with Parental Testing	Nationwide Children's Hospital - Cytogenetics and Molecular Genetics Laboratory
<b>5BNTG</b>	Prenatal Microarray with 5-Cell Chromosome Analysis (No Parental Testing)	Nationwide Children's Hospital - Cytogenetics and Molecular Genetics Laboratory
<b>2E8KG</b>	Prenatal Microarray without Parental Testing	Nationwide Children's Hospital - Cytogenetics and Molecular Genetics Laboratory
<b>2EMWG</b>	Prenatal SNP Microarray	Colorado Genetics Laboratory
<b>6L6WG</b>	Prenatal Targeted Chromosomal Microarray	GeneDx
<b>7C4VG</b>	Prenatal Whole Genome Chromosomal Microarray	BioReference Laboratories
<b>6WNXG</b>	Prenatal Whole Genome Chromosomal Microarray	GeneDx
<b>3JXFG</b>	Products of Conception Microarray + SNP	Cleveland Clinic Laboratories
<b>6LUQG</b>	Rapid Prenatal Chromosomal Microarray via aCGH and SNP - Prenatal Test	PreventionGenetics, part of Exact Sciences
<b>7C4WG</b>	Reflex to Prenatal Targeted Chromosomal Microarray from Chromosomes	BioReference Laboratories
<b>7C4XG</b>	Reflex to Prenatal Whole Genome Chromosomal Microarray from Chromosomes	BioReference Laboratories
<b>4ZPRG</b>	Reveal SNP Microarray – POC	Integrated Genetics
<b>5BNSG</b>	Reveal SNP Microarray – Prenatal	Integrated Genetics
<b>2EPWG</b>	SNP Array for Prenatal Analysis (aka Microarray)	UCSF Molecular Diagnostics Laboratory
<b>5FU7G</b>	SNP Array for Tissue and POC (aka Microarray)	UCSF Molecular Diagnostics Laboratory
<b>34WFG</b>	SNP Microarray – Products of Conception	Knight Molecular Diagnostic
<b>3U6CG</b>	SNP Microarray (Direct)-Prenatal (Reveal)	LabCorp
<b>3N8VG</b>	SNP Microarray-Prenatal (Reveal)	LabCorp
<b>3U6BG</b>	SNP Microarray-Products of Conception (POC) / Tissue (Reveal)	LabCorp

### Chromosomal Microarray (SNP and CGH) Tests

GTU	Test Name	Laboratory Name
<b>25SKG</b>	2.7 M SNP Chromosomal Microarray	Nicklaus Children's Hospital - Miami Genetic Laboratories
<b>4LCPG</b>	Array CGH	UAB Cytogenetics Laboratory
<b>4ZQCG</b>	Array CGH Constitutional blood (Microarray)	PathGroup

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GTU	Test Name	Laboratory Name
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
6RRGG	CGH Microarray Analysis	University of Oklahoma Health Sciences Center - 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
5JPRG	Chromosomal Microarray - Postnatal	Knight Molecular Diagnostic
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
3UXBG	Chromosomal Microarray Analysis - CMA Fibroblasts (Affymetrix CytoScan HD array)	Washington University in St. Louis Pathology Services
3HN3G	Chromosomal Microarray Analysis - CMA Peripheral Blood (Affymetrix CytoScan HD array)	Washington University in St. Louis Pathology Services
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
4XSMG	Chromosomal Microarray, Congenital, Bld (CMACB)	Marshfield Labs
6R2TG	Chromosomal Microarray, Congenital, Blood	Mayo Clinic Laboratories

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GTU	Test Name	Laboratory Name
7R9LG	Chromosomal Microarray, Hematologic Malignancy, ClariSure Oligo-SNP (90961)	Rady Children's Institute for Genomic Medicine
4ZTEG	Chromosomal Microarray, Inpatient	Weisskopf Cytogenetics Laboratory
2XZDG	Chromosomal Microarray, Outpatient	Weisskopf Cytogenetics Laboratory
2Z55G	Chromosomal Microarray, POC FFPE, ClariSure Oligo-SNP	Quest Diagnostics
8EJVG	Chromosomal Microarray, POC, ClariSure Oligo-SNP	Medfusion
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	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 - Porphyrria Laboratory
5FQBG	Chromosome Specific Interphase FISH	Center for Genetic Testing at Saint Francis
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
5DPRG	Constitutional Chromosomal Microarray (Copy Number)	University of Minnesota Physicians Outreach Laboratory
6T6QG	Constitutional Chromosomal Microarray Analysis – Peripheral Blood	Indiana University Molecular Genetics Diagnostic Laboratory - Indiana University Medical Center, School of Medicine
2E7LG	Constitutional Chromosomal Microarray Analysis (CMA)	Indiana University School of Medicine - Cytogenetics Laboratory
7SUJG	Constitutional Limited Chromosomal Microarray (Copy number only) (Charged)	University of Minnesota Physicians Outreach Laboratory

GTU	Test Name	Laboratory Name
2Z48G	Constitutional or Products of Conception (POC) Chromosomal Microarray (Copy Number/SNP)	University of Minnesota Physicians Outreach Laboratory
2ETHG	Constitutional SNP Array Karyotyping, Constitutional Chromosome Microarray Analysis (CMA)	Beaumont Laboratories - Molecular Pathology Lab
2M4WG	Cytogenomic Microarray Analysis	University of Washington Medicine - Pathology - Cytogenetics and Genomics Laboratory
52XTG	Cytogenomic Microarray Analysis	Veripath Laboratories
49JCG	Cytogenomic Microarray Analysis of Postnatal Blood	Akron Children's Hospital
49W6G	Cytogenomic SNP array (postnatal)	The University of Chicago Genetic Services
2E3BG	Cytogenomic SNP Microarray	ARUP Laboratories
8EBHG	Cytogenomic SNP Microarray	Medfusion
2MTFG	Cytogenomic SNP Microarray	UCSD - Molecular Diagnostics & Cytogenetics Laboratory
7U9JG	Cytogenomic SNP Microarray	University of Pennsylvania School of Medicine - Molecular Pathology Laboratory
2X3MG	CYTOGENOMIC SNP MICROARRAY (BLOOD)	University of California Davis Health System - UCDCM - Molecular and Cytogenetic Laboratory
2542G	Cytogenomic SNP Microarray Buccal Swab	ARUP Laboratories
4PPTG	Exon-Centric Deletion/Duplication Analysis	Knight Molecular Diagnostic
2D5QG	FirstStepDx PLUS	Bionano Laboratories
7UHHG	Genomic Microarray Analysis - Parental study, Genome Wide Array	University of Pennsylvania School of Medicine - Molecular Pathology Laboratory
3MA8G	Genomic Microarray, Blood	ACL Laboratories
2ENHG	Genomic SNP Microarray, Products of Conception	University of California Davis Health System - UCDCM - Molecular and Cytogenetic Laboratory
7UHKG	Genomic SNP Microarray, Products of Conception	University of Pennsylvania School of Medicine - Molecular Pathology Laboratory
2ETGG	Illumina Global Screening Array Sequencing Test	Gene by Gene
2EQNG	Illumina Microarray Analysis	University of Wisconsin - Madison WSLH - UW Cytogenetic Services
7TG6G	Invitae Chromosomal Microarray Analysis (CMA)	Invitae Corporation
2EMYG	Invitae Chromosomal Microarray Analysis (CMA) with follow-up FISH when required	Invitae Corporation
7QHGG	LV CYTOGENOMIC SNP MICROARRAY	Clinical Pathology Laboratories

GTU	Test Name	Laboratory Name
3UUJG	Micro Array: Comparative Genomic Hybridization (aCGH) with SNP	University of Florida - Health Pathology Laboratories
346KG	MICROARRAY : FAMILY STUDY	Cincinnati Children's Hospital Medical Center - Molecular Genetics and Cytogenetics Laboratories
33ZTG	Microarray : SNP	Cincinnati Children's Hospital Medical Center - Molecular Genetics and Cytogenetics Laboratories
3CAGG	Microarray Analysis	University of Illinois at Chicago - Biochemical Genetics Laboratory
3LQLG	Microarray Analysis - CytoScan SNP	UCSD - Molecular Diagnostics & Cytogenetics Laboratory
7PTDG	Microarray Analysis - MALIGNANCY TESTING	Nebraska Medical Center - Molecular Diagnostic Laboratory
6LCFG	Microarray Analysis With Interpretation	Hennepin County Medical Center
32YYG	MICROARRAY CGH, WHOLE GENOME(OLIGO)	Ann and Robert Lurie Children's Hospital of Chicago
54P3G	Microarray Single Nucleotide Polymorphism	Molecular Diagnosis - University of Rochester Medical Center - Strong Memorial Hospital
4QK2G	Microarray/aCGH	Genetic Associates
2DYJG	Pediatric and Adult (Postnatal) SNP Microarray	Colorado Genetics Laboratory
6NNJG	Rapid Chromosomal Microarray via aCGH and SNP Test	PreventionGenetics, part of Exact Sciences
59WPG	Rapid microarray (CGH and SNP)	Allele Diagnostics
3PL6G	Reflex microarray if chromosomes are normal	Genetic Associates
2EKFG	Reflex to SNP Array	UCSF Molecular Diagnostics Laboratory
2DYMG	Reveal SNP Microarray Pediatric	Integrated Genetics
2EN4G	SNP Array	Ambry Genetics
2EP3G	SNP Array	University of Oklahoma Health Sciences Center - Genetics Laboratory
6DDPG	SNP Array Analysis	University of Oklahoma Health Sciences Center - Genetics Laboratory
5FU8G	SNP Array for Blood Analysis (aka Microarray)	UCSF Molecular Diagnostics Laboratory
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
2ZALG	SNP Microarray Analysis (Chromosomal Microarray)	Nationwide Children's Hospital - Cytogenetics and Molecular Genetics Laboratory

GTU	Test Name	Laboratory Name
<b>2Z5JG</b>	SNP Microarray Pediatric	Integrated Regional Laboratories
<b>2EKEG</b>	SNP microarray Processing, Extraction and Storage	UCSF Molecular Diagnostics Laboratory
<b>49AAG</b>	SNP Microarray when Routine Chrom or High Res and Fragile X have ALREADY been billed	Center for Human Genetics, Inc.
<b>2EQQG</b>	SNP Microarray-Pediatric (Reveal)	LabCorp
<b>52MEG</b>	SNP Oligonucleotide Microarray Analysis (SOMA)	Columbia University - Personalized Genomic Medicine
<b>6NNKG</b>	Whole-Genome Chromosomal Microarray (CMA-ISCA) via the aCGH and SNP Test	PreventionGenetics, part of Exact Sciences
<b>2ZPHG</b>	Whole-Genome SNP Microarray: Cytoscan HD Microarray	Greenwood Genetic Center - Molecular Diagnostic Laboratory

### Comprehensive Cardiomyopathy Panel Tests

GTU	Test Name	Laboratory Name
<b>6S35G</b>	Cardiomyopathy	Fairview Diagnostic Laboratories
<b>5DPTG</b>	Cardiomyopathy Gene Analysis	University of Minnesota Physicians Outreach Laboratory
<b>2JJGG</b>	Cardiomyopathy Panel	Blueprint Genetics
<b>6DDTG</b>	Cardiomyopathy Panel	GeneDx
<b>4MUVG</b>	Cardiomyopathy Panel	Northwest Clinical Genomics Lab
<b>7DMVG</b>	Cardiomyopathy Panel	Washington University in St. Louis Genomics and Pathology Services
<b>2EMVG</b>	Cardiomyopathy panel NGS	All Children's Hospital
<b>45LWG</b>	Cardiomyopathy Pediatric Panel	Children's Hospital of Philadelphia - Division of Genomic Diagnostics
<b>79PLG</b>	Centocardio - NGS Panel (CNV included)	Centogene
<b>2YZFG</b>	CMNext	Ambry Genetics
<b>28S8G</b>	Comp Cardiomyopathy Panel	Johns Hopkins Medical Institutions - Pathology Laboratory
<b>2BXWG</b>	Comprehensive Cardiomyopathy (NGS Panel and Copy Number Analysis + mtDNA)	MNG Laboratories
<b>7SCCG</b>	Comprehensive Cardiomyopathy Gene Panel, Varies	Mayo Clinic Laboratories
<b>3XZHG</b>	Comprehensive Cardiomyopathy NGS Panel (Deletion/Duplication Only)	Fulgent Genetics
<b>25DLG</b>	Comprehensive Cardiomyopathy NGS Panel (Sequencing & Deletion/Duplication)	Fulgent Genetics



GTU	Test Name	Laboratory Name
<b>33E5G</b>	Comprehensive Cardiomyopathy NGS Panel (Sequencing Only)	Fulgent Genetics
<b>345YG</b>	Comprehensive Cardiomyopathy Panel	Cincinnati Children's Hospital Medical Center - Molecular Genetics and Cytogenetics Laboratories
<b>332EG</b>	Comprehensive Cardiomyopathy Panel	Knight Molecular Diagnostic
<b>7DQHG</b>	Comprehensive Cardiomyopathy Panel	PerkinElmer Genomics
<b>56ZPG</b>	GeneSeq® Cardio Familial Cardiomyopathy Panel	LabCorp
<b>3GBZG</b>	GeneSeq®: Cardio-Familial Cardiomyopathy Profile	Integrated Genetics
<b>5FWFG</b>	Invitae Cardiomyopathy Comprehensive Panel	Invitae Corporation
<b>5U3FG</b>	Pan Cardiomyopathy (92 genes) Deletion/Duplication Panel	Baylor College of Medicine - John Welsh Cardiovascular Diagnostic Laboratory
<b>2G3NG</b>	Pan Cardiomyopathy (92 genes) NGS + Sanger fill-in Panel	Baylor College of Medicine - John Welsh Cardiovascular Diagnostic Laboratory
<b>5638G</b>	Pan Cardiomyopathy (92 genes) NGS Panel	Baylor College of Medicine - John Welsh Cardiovascular Diagnostic Laboratory
<b>7BLQG</b>	Pan Cardiomyopathy Panel	Johns Hopkins Medical Institutions - Pathology Laboratory
<b>57C9G</b>	Pan Cardiomyopathy Panel	PreventionGenetics, part of Exact Sciences
<b>7UHG</b>	Pan Cardiomyopathy Panel (62 Genes)	University of Pennsylvania School of Medicine - Molecular Pathology Laboratory
<b>27TGG</b>	Pan Cardiomyopathy Panel (62 Genes) Test	Laboratory for Molecular Medicine - Harvard Medical School and Partners Healthcare
<b>6DTG</b>	Rest of Cardiomyopathy after DCM Panel	GeneDx
<b>6DXQG</b>	Rest of Cardiomyopathy after HCM Panel	GeneDx
<b>7B77G</b>	STAT Comprehensive Cardiomyopathy Panel	PerkinElmer Genomics
<b>7AP3G</b>	Suggested Custom Slice - Lymphedema	GeneDx

### Dilated Cardiomyopathy (DCM) Panel Tests

GTU	Test Name	Laboratory Name
<b>6S48G</b>	Cardiomyopathy, dilated	Fairview Diagnostic Laboratories
<b>3CCLG</b>	DCM Panel	HIBM Research Group
<b>2YW9G</b>	DCMNext	Ambry Genetics
<b>5NAGG</b>	Dilated & Arrhythmogenic Cardiomyopathy NGS Panel	Greenwood Genetic Center - Molecular Diagnostic Laboratory

Generic Genetic Test and Laboratory Matrix 09.01.23

GTU	Test Name	Laboratory Name
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
2JLQG	Dilated Cardiomyopathy (DCM) Panel	Blueprint Genetics
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
6DD9G	Dilated Cardiomyopathy Panel	GeneDx
3CBUG	Dilated Cardiomyopathy Panel	Knight Molecular Diagnostic
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
24WTG	Invitae Cardiomyopathy Comprehensive Panel-Add-on Preliminary-evidence Genes for Cardiomyopathy	Invitae Corporation
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
77G9G	Dystonia	Fairview Diagnostic Laboratories
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
77AHG	Dystonia Panel	Blueprint Genetics
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

GTU	Test Name	Laboratory Name
5X6QG	Myoclonic Dystonia Panel	PerkinElmer Genomics
4AANG	Myoclonus dystonia	Fairview Diagnostic Laboratories
77MVG	OXPHOS Defect Dystonia (NGS Panel and Copy Number Analysis + mtDNA)	MNG Laboratories
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
77RAG	Beyond Paediatric Epilepsy Panel – for Europe and Middle East	Blueprint 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
783KG	Childhood-Onset Epilepsy Panel	GeneDx
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
78HSG	Comprehensive Epilepsy and Seizure Panel	PreventionGenetics, part of Exact Sciences

GTU	Test Name	Laboratory Name
73X4G	Comprehensive Epilepsy NGS Panel	LabCorp
77RBG	Comprehensive Epilepsy Panel	Blueprint Genetics
78KDG	Comprehensive Epilepsy Panel	GeneDx
778XG	Comprehensive Epilepsy Panel	PerkinElmer Genomics
7BNUG	Comprehensive Epilepsy With or Without Encephalopathy Gene Panel, Varies	Mayo Clinic Laboratories
77GAG	Early infantile epilepsy with encephalopathy	Fairview Diagnostic Laboratories
78FGG	Early Infantile Epileptic Encephalopathy (EIEE) Panel	The University of Chicago Genetic Services
77V3G	Early Infantile Epileptic Encephalopathy NGS Panel	Greenwood Genetic Center - Molecular Diagnostic Laboratory
77FPG	Early Infantile Epileptic Encephalopathy Panel	PreventionGenetics, part of Exact Sciences
5DRKG	Early Onset Epileptic Encephalopathy NGS Panel (Deletion/Duplication Only)	Fulgent Genetics
78CPG	Early Onset Epileptic Encephalopathy NGS Panel (Sequencing & Deletion/Duplication)	Fulgent Genetics
77TTG	Early Onset Epileptic Encephalopathy NGS Panel (Sequencing Only)	Fulgent Genetics
776MG	Epilepsy	Fairview Diagnostic Laboratories
77GTG	Epilepsy Advanced Sequencing and CNV Evaluation	Athena Diagnostics Inc
78FNG	Epilepsy Advanced Sequencing and CNV Evaluation - Epileptic Encephalopathy	Athena Diagnostics Inc
77J4G	Epilepsy Advanced Sequencing and CNV Evaluation - Generalized, Absence, Focal, Febrile and Myoclonic Epilepsies	Athena Diagnostics Inc
77HNG	Epilepsy Advanced Sequencing and CNV Evaluation - Infantile Spasms	Athena Diagnostics Inc
78FPG	Epilepsy Advanced Sequencing and CNV Evaluation - Intellectual Disability	Athena Diagnostics Inc
77HQG	Epilepsy Advanced Sequencing and CNV Evaluation - Syndromic Disorders	Athena Diagnostics Inc
7DP9G	Epilepsy and Seizure Panel	PreventionGenetics, part of Exact Sciences
5DSFG	Epilepsy Comprehensive NGS Panel (Deletion/Duplication Only)	Fulgent Genetics
7724G	Epilepsy Comprehensive NGS Panel (Sequencing & Deletion/Duplication)	Fulgent Genetics

GTU	Test Name	Laboratory Name
77D4G	Epilepsy Comprehensive NGS Panel (Sequencing Only)	Fulgent Genetics
6DDAG	Epilepsy Deletion/Duplication Panel	GeneDx
77GZG	Epilepsy Exome	The University of Chicago Genetic Services
772EG	EPILEPSY GENE PANEL COMPREHENSIVE	Ann and Robert Lurie Children's Hospital of Chicago
77HKG	EPILEPSY GENE PANEL, COMPREHENSIVE WHEN ADFLE GENES NEGATIVE	Ann and Robert Lurie Children's Hospital of Chicago
772DG	EPILEPSY GENE PANEL, COMPREHENSIVE WHEN INFANTILE PANEL NEGATIVE	Ann and Robert Lurie Children's Hospital of Chicago
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
78FEG	Epilepsy Panel	Children's Hospital of Philadelphia - Division of Genomic Diagnostics
79Q4G	Epilepsy panel - NGS Panel (CNV included)	Centogene
24DMG	Epilepsy, familial focal	Fairview Diagnostic Laboratories
6MJQG	Epilepsy, familial temporal lobe	Fairview Diagnostic Laboratories
34NJG	Epilepsy, nocturnal frontal lobe	Fairview Diagnostic Laboratories
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
779KG	Epileptic Encephalopathy Panel	Blueprint Genetics
86PAG	EpiPanelDxPLUS	Bionano Laboratories
772UG	EpiRapid	Ambry Genetics
775EG	EpiXpanded Panel	GeneDx
6YMKG	Genomic Unity Epilepsy Analysis	Variantyx
779WG	Idiopathic Generalized and Focal Epilepsy Panel	Blueprint Genetics
783BG	Infantile Epilepsy Panel	GeneDx

Generic Genetic Test and Laboratory Matrix 09.01.23

GTU	Test Name	Laboratory Name
77P9G	Infantile Epilepsy Panel	Knight Molecular Diagnostic
787MG	Infantile Epilepsy Panel	PerkinElmer Genomics
4EYHG	Infantile Epilepsy Panel	University of Oklahoma Health Sciences Center - Genetics Laboratory
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
7834G	Invitae Epilepsy Panel-Add-on Preliminary-evidence Genes for Epilepsy	Invitae Corporation
779ZG	Metabolic Epilepsy Panel	Blueprint Genetics
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
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
5HKQG	Seizures, benign familial infantile	Fairview Diagnostic Laboratories
34QFG	Seizures, benign neonatal	Fairview Diagnostic Laboratories
7B4AG	STAT Comprehensive Epilepsy Panel	PerkinElmer Genomics
77ZLG	STAT Epilepsy Panel	GeneDx
7AY4G	STAT Infantile Epilepsy Panel	PerkinElmer Genomics

## Exome Sequencing Tests

GTU	Test Name	Laboratory Name
7AY2G	Add Familial Report to Previous Whole Exome Sequencing TRIO Test	PerkinElmer Genomics
2LNHG	Additional Affected Sibling for Trio	Baylor Genetics, LLC

<b>GTU</b>	<b>Test Name</b>	<b>Laboratory Name</b>
<b>2FV5G</b>	Any Panel Expand to Exome Plus	Blueprint Genetics
<b>4BXYG</b>	Any Panel Expand to Exome Plus Family	Blueprint Genetics
<b>5477G</b>	BluePrint Proband Whole Exome Sequencing	Baylor Genetics, LLC
<b>79AQG</b>	Centodx - NGS Panel	Centogene
<b>79ARG</b>	CentolCV - NGS Panel (CNV included)	Centogene
<b>46YFG</b>	CHOP Medical Exome	Children's Hospital of Philadelphia - Division of Genomic Diagnostics
<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>78GCG</b>	Clinical Exome (Sequencing) Trio	Fulgent Genetics
<b>537AG</b>	Clinical Exome Sequencing	DNA Diagnostic Laboratory - Johns Hopkins Hospital
<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>22N9G</b>	Clinical Exome Sequencing - Quad (Proband and 3 family members)	UCLA Diagnostic Molecular Pathology Laboratory
<b>7TYRG</b>	Critical Trio Whole Exome Sequencing	University of Michigan - Michigan Medical Genetics Laboratories
<b>3MJ7G</b>	Diagnostic Exome Sequencing	Laboratory for Molecular Medicine - Harvard Medical School and Partners Healthcare
<b>3TRVG</b>	Diagnostic Exome Sequencing - Exome Trio Auxillary Member	Laboratory for Molecular Medicine - Harvard Medical School and Partners Healthcare
<b>3TRYG</b>	Diagnostic Exome Sequencing - Exome Trio Proband	Laboratory for Molecular Medicine - Harvard Medical School and Partners Healthcare
<b>3TRSG</b>	Diagnostic Exome Sequencing - Incidental Findings	Laboratory for Molecular Medicine - Harvard Medical School and Partners Healthcare
<b>86SUG</b>	Duo Whole Exome Sequencing	Baylor Genetics, LLC



<b>GTU</b>	<b>Test Name</b>	<b>Laboratory Name</b>
<b>2TQRG</b>	Exome Family Member	University of Minnesota Physicians Outreach Laboratory
<b>3V27G</b>	Exome Select	The University of Chicago Genetic Services
<b>7UNTG</b>	Exome Sequencing	ARUP Laboratories
<b>24Q2G</b>	Exome Sequencing - Proband	Knight Molecular Diagnostic
<b>33W5G</b>	Exome Sequencing - Trio	Knight Molecular Diagnostic
<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>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>2CPVG</b>	Exome with CNV Evaluation, Duo	Quest Diagnostics
<b>2E8HG</b>	Exome with CNV Evaluation, Family Member	Quest Diagnostics
<b>2CNMG</b>	Exome with CNV Evaluation, Proband	Quest Diagnostics
<b>26NQG</b>	Exome with CNV Evaluation, Trio	Quest Diagnostics
<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>33Z3G</b>	ExomeSeq - Whole Exome Sequencing	Cincinnati Children's Hospital Medical Center - Molecular Genetics and Cytogenetics Laboratories
<b>4SUTG</b>	Expand to Exome-Each Additional Family Member	Blueprint Genetics
<b>7TLGG</b>	Expanded Exome Upgrade per Sample	Praxis Genomics, LLC
<b>7TLMG</b>	Expanded Exome, 4 Sample	Praxis Genomics, LLC

GTU	Test Name	Laboratory Name
7TLKG	Expanded Exome, Duo	Praxis Genomics, LLC
7TLJG	Expanded Exome, Proband	Praxis Genomics, LLC
7TLLG	Expanded Exome, Trio	Praxis Genomics, LLC
7A7AG	Family Member Comparator Specimen for Exome Sequencing, Varies	Mayo Clinic Laboratories
6ZSHG	Genomic Unity® Exome Analysis	Variantix
7ABTG	Genomic Unity® Exome Plus Analysis	Variantix
2BFBG	GML Exome Family Member Peripheral blood draw	UCSF Molecular Diagnostics Laboratory
78GXG	IMMUNOLOGY EXOME	Cincinnati Children's Hospital Medical Center - Molecular Genetics and Cytogenetics Laboratories
6S7CG	Invitae Exome, Duo	Invitae Corporation
6S7DG	Invitae Exome, Proband-Only	Invitae Corporation
6RLHG	MNG Exome Additional Comparator (only available when trio is ordered)	MNG Laboratories
6RLRG	MNG Exome DUO Sequencing	MNG Laboratories
78DUG	MNG Exome DUO Sequencing + mtDNA	MNG Laboratories
6RLPG	MNG Exome Proband Only Sequencing	MNG Laboratories
6RLJG	MNG Exome Proband Only Sequencing + mtDNA	MNG Laboratories
6RGKG	MNG Exome TRIO Sequencing	MNG Laboratories
77FXG	MNG Exome TRIO Sequencing + mtDNA	MNG Laboratories
4AVGG	NextStepDx PLUS	Bionano Laboratories
5E4FG	PGxome Diagnostic Exome Test - Duo	PreventionGenetics, part of Exact Sciences
5E5HG	PGxome Diagnostic Exome Test - Trio	PreventionGenetics, part of Exact Sciences
5E4SG	PGxome Diagnostic Exome Test Patient Plus	PreventionGenetics, part of Exact Sciences
6LUFG	PGxome Prenatal Exome Test - Duo	PreventionGenetics, part of Exact Sciences
5NGYG	PGxome Prenatal Exome Test - Trio	PreventionGenetics, part of Exact Sciences
6LUGG	PGxome Prenatal Exome Test Patient Only	PreventionGenetics, part of Exact Sciences
5E3RG	PGxome Diagnostic	PreventionGenetics, part of Exact Sciences
6QZHG	Prenatal Exome Sequencing	Greenwood Genetic Center - Molecular Diagnostic Laboratory

GTU	Test Name	Laboratory Name
7BM3G	PRENATAL EXOMESEQ	Cincinnati Children's Hospital Medical Center - Molecular Genetics and Cytogenetics Laboratories
55S7G	Prenatal Trio Whole Exome Sequencing	Baylor Genetics, LLC
2ZBFG	Proband Whole Exome Sequencing	Baylor Genetics, LLC
27YXG	Proband Whole Exome Sequencing Plus CMA	Baylor Genetics, LLC
76VCG	Proband Whole Exome Sequencing PLUS comprehensive MtDNA analysis	Baylor Genetics, LLC
2BJCG	Reanalysis and Interpretation for WES (Internal)	PerkinElmer Genomics
2LFVG	REFLEX to Exome Sequencing	Northwest Clinical Genomics Lab
6DM5G	Reflex to Whole Exome after Slice (Proband Only)	GeneDx
365BG	Reflex to Whole Exome after Slice (Trio)	GeneDx
7B6CG	Reflex to Whole Exome Sequencing (from panel)	PerkinElmer Genomics
7B27G	Reflex to Whole Exome Sequencing TRIO w/ Familial Reports (from WES Proband)	PerkinElmer Genomics
2YZUG	Sequencing plus raw data and filtered variant list (no analysis)	Ambry Genetics
2YWFG	Sequencing plus raw data only	Ambry Genetics
2G7GG	Sequential Trio Whole Exome Sequencing	Baylor Genetics, LLC
4PFEG	Single Gene Expand to Exome Plus Family (trios)	Blueprint Genetics
2WP2G	Single Gene Expanded to Exome Plus	Blueprint Genetics
348XG	Total BluePrint Panel	Baylor Genetics, LLC
6QQMG	Trio Whole Exome Sequencing	Baylor Genetics, LLC
776NG	Trio Whole Exome Sequencing PLUS comprehensive MtDNA analysis	Baylor Genetics, LLC
2BFEG	UCSF Genomics Blood Draw	UCSF Molecular Diagnostics Laboratory
22DJG	WES Single or Multi-Sample (Duo, Trio, Quad, etc.)	Medical College of Wisconsin - Human and Molecular Genetics Center
5HGMMG	Whole Exome	Blueprint Genetics
2TFEG	Whole Exome (Sequencing & Del/Dup) Trio	Fulgent Genetics
3JD6G	Whole Exome (Sequencing & Deletion/Duplication)	Fulgent Genetics
3FAPG	Whole Exome (Sequencing Only)	Fulgent Genetics
3AALG	Whole Exome (Sequencing) Trio	Fulgent Genetics

GTU	Test Name	Laboratory Name
53N9G	Whole Exome Additional Family Members	Blueprint Genetics
5JSMG	Whole Exome Family	Blueprint Genetics
227LG	Whole Exome Sequencing	Gene by Gene
6QZFG	Whole Exome Sequencing	Greenwood Genetic Center - Molecular Diagnostic Laboratory
7RSXG	Whole Exome Sequencing	Rady Children's Institute for Genomic Medicine
5BY3G	Whole Exome Sequencing	University of Minnesota Physicians Outreach Laboratory
7R8CG	Whole Exome Sequencing	Washington University in St. Louis Genomics and Pathology Services
5JQPG	Whole Exome Sequencing - DUO (Proband)	LabCorp
7PQEG	Whole Exome Sequencing – DUO (Proband), Products of Conception (POC)	LabCorp
5JR8G	Whole Exome Sequencing - Proband Only	LabCorp
7PQFG	Whole Exome Sequencing – Proband Only, Products of Conception (POC)	LabCorp
225DG	Whole Exome Sequencing - Reanalysis	Nationwide Children's Hospital - Cytogenetics and Molecular Genetics Laboratory
5XKLG	Whole Exome Sequencing - TRIO (Proband)	LabCorp
7PQDG	Whole Exome Sequencing – TRIO (Proband), Products of Conception (POC)	LabCorp
6LSZG	Whole Exome Sequencing Comparator - Additional FM	LabCorp
6LT2G	Whole Exome Sequencing Comparator - Father	LabCorp
6LSYG	Whole Exome Sequencing Comparator - Mother	LabCorp
7AYRG	Whole Exome Sequencing DUO with Parental Reports	PerkinElmer Genomics
7A7EG	Whole Exome Sequencing for Hereditary Disorders , Varies	Mayo Clinic Laboratories
3SMCG	Whole Exome Sequencing Proband Only	PerkinElmer Genomics
7AYYG	Whole Exome Sequencing QUAD	PerkinElmer Genomics
7AZ3G	Whole Exome Sequencing QUAD with Familial Reports	PerkinElmer Genomics
2DR8G	Whole Exome Sequencing TRIO	PerkinElmer Genomics
2UCUG	Whole Exome Sequencing TRIO with Parental Reports	PerkinElmer Genomics
7AYLG	Whole Exome Sequencing, DUO	PerkinElmer Genomics
2D8LG	Whole Exome Sequencing: Duo Analysis	University of Wisconsin - Madison WSLH - UW Cytogenetic Services

<b>GTU</b>	<b>Test Name</b>	<b>Laboratory Name</b>
<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>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>6L9SG</b>	XomeDx - Proband	GeneDx
<b>6RVYG</b>	XomeDx - Trio	GeneDx
<b>6L9QG</b>	XomeDx - Duo	GeneDx
<b>7TVKG</b>	XomeDx Express, 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
<b>7TVCG</b>	XomeDX Plus-Trio, buccal kit	University of Michigan - Michigan Medical Genetics Laboratories
<b>2W48G</b>	XomeDx Prenatal - Comprehensive	GeneDx
<b>46N6G</b>	XomeDx Trio	Children's Hospital of Philadelphia - Division of Genomic Diagnostics
<b>4GZRG</b>	XomeDxFetal- Trio	GeneDx
<b>46J4G</b>	XomeDxPlus Proband	Children's Hospital of Philadelphia - Division of Genomic Diagnostics

GTU	Test Name	Laboratory Name
46V3G	XomeDxPlus Trio	Children's Hospital of Philadelphia - Division of Genomic Diagnostics
777MG	XomeDxPlus WES + mtDNA Sequencing and Deletion Testing	University of Minnesota Physicians Outreach Laboratory

### 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
78HBG	Beacon Focus Male Carrier Screening Panel (Sequencing & Deletion/Duplication)	Fulgent Genetics
7QH4G	CARRIER SCREEN - CLASSIC, FEMALE (24 GENE PANEL)	Clinical Pathology Laboratories
7QH5G	CARRIER SCREEN - CLASSIC, MALE (22 GENE PANEL)	Clinical Pathology Laboratories
7QGYG	CARRIER SCREEN - COMPLETE, FEMALE (157 GENE PANEL)	Clinical Pathology Laboratories
7QGZG	CARRIER SCREEN - COMPLETE, MALE (147 GENE PANEL)	Clinical Pathology Laboratories

<b>GTU</b>	<b>Test Name</b>	<b>Laboratory Name</b>
<b>79SAG</b>	Carrier Screening (Horizon)	ProPath
<b>6U8PG</b>	Common Carrier Screening Panel	Connective Tissue Gene Tests
<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>53PTG</b>	GeneAware - Complete Panel - Female	Baylor Genetics, LLC
<b>6V9KG</b>	GeneAware - Complete Panel - Male	Baylor Genetics, LLC
<b>7R8EG</b>	GeneAware Comprehensive Panel (Female)	Baylor Genetics, LLC
<b>7R8FG</b>	GeneAware Comprehensive 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>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

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GTU	Test Name	Laboratory Name
77BTG	Inheritest® 500 PLUS Panel	LabCorp
7SURG	Inheritest® High Frequency Panel	LabCorp
7838G	Inheritest® 500 PLUS with Repro Partners Report	Integrated Genetics
77ENG	Inheritest® Carrier Screen - Society Guided Panel (14 Genes)	Integrated Genetics
2Y9VG	Invitae Broad Carrier Screen	Invitae Corporation
2Y9SG	Invitae Broad Carrier Screen without X-linked Disorders	Invitae Corporation
2Y9UG	Invitae Comprehensive Carrier Screen	Invitae Corporation
6URUG	Invitae Comprehensive Carrier Screen without X-linked Disorders	Invitae Corporation
2YA3G	Invitae Comprehensive Carrier Screen without X-linked Disorders-Add-on genes with variable presentation without X-linked Disorders	Invitae Corporation
7874G	Invitae Comprehensive Carrier Screen-Add-on genes with variable presentation	Invitae Corporation
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 - UCDCMC - 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
7SU9G	QHerit; 421 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
77N5G	REVEAL Carrier Screening	Lab Solutions, LLC
4TGTG	UNIVERSAL GENETIC TEST 2521 (COUNSYL)	Enzo Clinical Labs
4B77G	UNIVERSAL PANEL PLUS THROMBOPHILIAS 2524 (COUNSYL)	Enzo Clinical Labs

Generic Genetic Test and Laboratory Matrix 09.01.23



GTU	Test Name	Laboratory Name
4CK8G	UNIVERSAL PLUS GENETICS TEST 2522 (COUNSYL)	Enzo Clinical Labs

### 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
5M87G	FISH Panel : Myeloid Disorders	Cincinnati Children's Hospital Medical Center - Molecular Genetics and Cytogenetics Laboratories
6Z8DG	FoundationOne Heme	Foundation Medicine
33FRG	Hematologic Cancer Fusion Analysis	Nationwide Children's Hospital - Cytogenetics and Molecular Genetics Laboratory
45EWG	Hematologic Cancer Panel	Children's Hospital of Philadelphia - Division of Genomic Diagnostics
2DDQG	Hematologic Malignancy Comprehensive Panel (Deletion/Duplication Only)	Fulgent Genetics
5DQLG	Hematologic Malignancy Comprehensive Panel (Sequencing & Deletion/Duplication)	Fulgent Genetics
3AYUG	Hematologic Malignancy Comprehensive Panel (Sequencing Only)	Fulgent Genetics
73H3G	Hematologic Neoplasm Mutation Panel	Ohio State University - Molecular Pathology Laboratory
34YSG	Hematological Malignancies GeneTrails Hematologic Malignancies 220 Gene Panel	Knight Molecular Diagnostic
34PNG	HemaVision Leukemia Panel	University of Oklahoma Health Sciences Center - Molecular Pathology Laboratory
7ATGG	HEME DNA MUTATION PANEL (152 gene DNA NGS panel for mutations)	Texas Children's Hospital
6LTNG	Heme Gene Panel by NGS	University of Washington Medical Center - Laboratory Medicine-Genetics Laboratory
7SFCG	HemeComplete NextGen Sequencing Assay	PathGroup
6USEG	Hereditary Hematopoietic Malignancy/Immunodeficiency Predisposition panel	The University of Chicago Genetic Services

GTU	Test Name	Laboratory Name
<b>2AVSG</b>	Hereditary Myeloid Neoplasms Panel, Sequencing	ARUP Laboratories
<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>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>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>6VAZG</b>	Myeloid Malignancies Mutation Panel by Next Generation Sequencing	ARUP Laboratories
<b>8EFPG</b>	Myeloid Neoplasm Mutation Analysis Only	Medfusion
<b>7SFBG</b>	Myeloid NextGen Sequencing Assay	PathGroup
<b>6UY4G</b>	Myeloid tumor panel - Somatic Mutation Analysis	Centogene
<b>7SPKG</b>	Neo Comprehensive - Myeloid Disorders	NeoGenomics Laboratories
<b>3ZSJG</b>	NeoTYPE AITL/Peripheral T-Cell Lymphoma Profile	NeoGenomics Laboratories
<b>86KGG</b>	NeoTYPE Discovery Profile for Hematologic Cancers	NeoGenomics Laboratories
<b>86UPG</b>	NeoTYPE Lymphoid Disorders Profile	NeoGenomics Laboratories
<b>6VB7G</b>	NGS Hematologic Malignancy Mutation Panel	UCSD - Molecular Diagnostics & Cytogenetics Laboratory
<b>86LPG</b>	OnkoSight Advanced Chronic Lymphoid Neoplasm NGS Panel	BioReference Laboratories
<b>7C5AG</b>	OnkoSight Advanced NGS Myeloid Panel	BioReference Laboratories
<b>7DN9G</b>	Paired Tumor / Normal – Comprehensive Hematologic Cancer Panel	Children's Hospital of Philadelphia - Division of Genomic Diagnostics
<b>7DN8G</b>	Paired Tumor / Normal - Hematologic Cancer Panel	Children's Hospital of Philadelphia - Division of Genomic Diagnostics

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GTU	Test Name	Laboratory Name
<b>7UJHG</b>	PennSeq Hematological Malignancies Panel	University of Pennsylvania School of Medicine - Molecular Pathology Laboratory
<b>2733G</b>	T Large Granular Lymphocyte NGS Panel	University of Minnesota Physicians Outreach Laboratory
<b>86SCG</b>	Tempus  xT: Targeted panel of 648 genes (Hematologic Malignancy)	Tempus Clinical Laboratory

### Hereditary GI/Colon Cancer Panel Tests

GTU	Test Name	Laboratory Name
<b>7TP3G</b>	CancerNext Expanded Colon Lynch	Ambry Genetics
<b>7TNZG</b>	CancerNext: Colon/Lynch	Ambry Genetics
<b>2NBHG</b>	Centocolon - NGS Panel (CNV included)	Centogene
<b>76DFG</b>	COLARIS AP PLUS with Myriad myRisk Hereditary Cancer Update Test	Myriad Genetics
<b>76DEG</b>	COLARIS PLUS with Myriad myRisk Hereditary Cancer Update Test	Myriad Genetics
<b>76DUG</b>	ColoNext	Ambry Genetics
<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>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>7SF4G</b>	Colorectal Cancer Panel	Sema4

<b>GTU</b>	<b>Test Name</b>	<b>Laboratory Name</b>
<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>6S5NG</b>	Hereditary cancer colon	Fairview Diagnostic Laboratories
<b>2YB4G</b>	Hereditary Colorectal Cancer Panel	Blueprint Genetics
<b>25LZG</b>	Hereditary Colorectal Cancer Panel	Quest Diagnostics
<b>76DZG</b>	Hereditary Colorectal Cancer Panel	The University of Chicago Genetic Services
<b>76BPG</b>	Hereditary Colorectal/Gastrointestinal Cancer Panel (37-gene panel by NGS)	Baylor Genetics, LLC
<b>7SHSG</b>	Hereditary Gastrointestinal Cancer High-Risk Panel, Sequencing and Deletion/Duplication	ARUP Laboratories
<b>76BCG</b>	Hereditary Gastrointestinal Cancer Panel	Blueprint Genetics
<b>76DNG</b>	Hereditary Gastrointestinal Cancer Panel, Sequencing and Deletion/Duplication	ARUP Laboratories
<b>7DLGG</b>	Hereditary Gastrointestinal Cancer Panel, Varies	Mayo Clinic Laboratories
<b>6V9EG</b>	Hereditary High-Risk Colon Cancer Panel	Children's Hospital of Philadelphia - Division of Genomic Diagnostics
<b>6V4NG</b>	Hereditary High-Risk Colorectal Cancer Panel	Baylor Genetics, LLC
<b>45K7G</b>	Inherited Colon Cancer Panel	Knight Molecular Diagnostic
<b>778DG</b>	Invitae Colorectal Cancer Guidelines-Based Panel	Invitae Corporation
<b>77QBG</b>	Invitae Colorectal Cancer Guidelines-Based Panel-Add-on Gene with Emerging Data for Colorectal Cancer	Invitae Corporation
<b>76CYG</b>	Invitae Colorectal Cancer Panel	Invitae Corporation
<b>76CZG</b>	Invitae Colorectal Cancer Panel-Add-on Preliminary-evidence Genes for Colorectal Cancer	Invitae Corporation
<b>2M33G</b>	Lynch syndrome Panel	University of Oklahoma Health Sciences Center - Genetics Laboratory
<b>6DXSG</b>	Lynch/Colorectal High Risk Panel	GeneDx
<b>6RMUG</b>	myRisk Update Test	Myriad Genetics
<b>7TNYG</b>	Rest of Comprehensive Common Cancer Panel: Colon/Lynch	GeneDx
<b>7B7KG</b>	STAT Colorectal Cancer Panel	PerkinElmer Genomics
<b>76BSG</b>	VistaSeq Colorectal Cancer Panel	Integrated Genetics

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GTU	Test Name	Laboratory Name
<b>76DAG</b>	VistaSeq Colorectal Cancer Panel	LabCorp
<b>76CBG</b>	VistaSeq Colorectal Cancer Panel	Labcorp   Oncology
<b>2F64G</b>	VistaSeq High Risk Colorectal Cancer Panel	Integrated Genetics
<b>58EYG</b>	VistaSeq High Risk Colorectal Cancer Panel	LabCorp
<b>4NLFG</b>	VistaSeq High Risk Colorectal Cancer Panel	Labcorp   Oncology

### Hereditary Neuropathies (Charcot Marie Tooth) Panel Tests

GTU	Test Name	Laboratory Name
<b>6MLCG</b>	Auditory neuropathy	Fairview Diagnostic Laboratories
<b>6S4FG</b>	Charcot Marie Tooth	Fairview Diagnostic Laboratories
<b>5CZCG</b>	Charcot Marie Tooth Disease Extended NGS Panel (Deletion/Duplication Only)	Fulgent Genetics
<b>5DRRG</b>	Charcot Marie Tooth Disease Extended NGS Panel (Sequencing & Deletion/Duplication)	Fulgent Genetics
<b>2FHAG</b>	Charcot Marie Tooth Disease Extended NGS Panel (Sequencing Only)	Fulgent Genetics
<b>34H4G</b>	Charcot Marie Tooth Disease Panel	PerkinElmer Genomics
<b>6LSJG</b>	Charcot-Marie-Tooth (CMT) - Axonal Neuropathy Panel	PreventionGenetics, part of Exact Sciences
<b>6LU9G</b>	Charcot-Marie-Tooth (CMT) - Comprehensive Panel	PreventionGenetics, part of Exact Sciences
<b>6LS5G</b>	Charcot-Marie-Tooth (CMT) - Demyelinating Neuropathy Panel	PreventionGenetics, part of Exact Sciences
<b>24ZEG</b>	Charcot-Marie-Tooth (CMT) and Related Hereditary Neuropathies, PMP22 Deletion/Duplication with Reflex to Sequencing Panel	ARUP Laboratories
<b>6RKDG</b>	Charcot-Marie-Tooth Disease (NGS Panel and Copy Number Analysis + mtDNA)	MNG Laboratories
<b>6PBYG</b>	Charcot-Marie-Tooth disease NGS Panel	Connective Tissue Gene Tests
<b>5PNAG</b>	Charcot-Marie-Tooth disease NGS Panel Deletion / Duplication	Connective Tissue Gene Tests
<b>6NSDG</b>	Charcot-Marie-Tooth disease NGS Panel Next Generation Sequencing	Connective Tissue Gene Tests
<b>6RKEG</b>	Charcot-Marie-Tooth Disease, Axonal (NGS Panel and Copy Number Analysis + mtDNA)	MNG Laboratories

<b>GTU</b>	<b>Test Name</b>	<b>Laboratory Name</b>
<b>6S4GG</b>	Charcot-Marie-Tooth disease, axonal, type 2	Fairview Diagnostic Laboratories
<b>6RKFG</b>	Charcot-Marie-Tooth Disease, Demyelinating (NGS Panel and Copy Number Analysis + mtDNA)	MNG Laboratories
<b>6S4HG</b>	Charcot-Marie-Tooth disease, dominant intermediate	Fairview Diagnostic Laboratories
<b>4ABPG</b>	Charcot-Marie-Tooth disease, recessive intermediate	Fairview Diagnostic Laboratories
<b>6S4KG</b>	Charcot-Marie-Tooth disease, type 1	Fairview Diagnostic Laboratories
<b>6S4LG</b>	Charcot-Marie-Tooth disease, type 4	Fairview Diagnostic Laboratories
<b>7QAPG</b>	Charcot-Marie-Tooth Hereditary Neuropathy NGS Panel	Greenwood Genetic Center - Molecular Diagnostic Laboratory
<b>5HDHG</b>	Charcot-Marie-Tooth Neuropathy Panel	Blueprint Genetics
<b>5HLLG</b>	Charcot-Marie-Tooth neuropathy, X-linked	Fairview Diagnostic Laboratories
<b>2WRKG</b>	Charcot-Marie-Tooth Panel	GeneDx
<b>5JPSG</b>	Charcot-Marie-Tooth Syndrome Panel	Knight Molecular Diagnostic
<b>4ZL3G</b>	CMT Advanced Evaluation - Axonal	Athena Diagnostics Inc
<b>2CMUG</b>	CMT Advanced Evaluation - Comprehensive	Athena Diagnostics Inc
<b>4ZKYG</b>	CMT Advanced Evaluation – Demyelinating	Athena Diagnostics Inc
<b>3462G</b>	CMT Advanced Evaluation - Dominant	Athena Diagnostics Inc
<b>3CZKG</b>	CMT Advanced Evaluation - Dominant, Axonal	Athena Diagnostics Inc
<b>4ZKZG</b>	CMT Advanced Evaluation - Dominant, Demyelinating	Athena Diagnostics Inc
<b>4ACFG</b>	CMT Advanced Evaluation - Initial Genetic Assessment	Athena Diagnostics Inc
<b>34G7G</b>	CMT Advanced Evaluation - Nonprevalent	Athena Diagnostics Inc
<b>34E5G</b>	CMT Advanced Evaluation - Nonprevalent Axonal	Athena Diagnostics Inc
<b>4ZL2G</b>	CMT Advanced Evaluation - Nonprevalent Demyelinating	Athena Diagnostics Inc
<b>4D2EG</b>	CMT Advanced Evaluation - Recessive	Athena Diagnostics Inc
<b>4D5EG</b>	CMT Advanced Evaluation - Recessive, Demyelinating	Athena Diagnostics Inc
<b>34GNG</b>	CMT Sequencing Panel	Norton CPA Lab
<b>28GEG</b>	CMT1 Evaluation Complete	Johns Hopkins Medical Institutions - Pathology Laboratory
<b>2TUJG</b>	CMT1 Panel	HIBM Research Group
<b>3JEZG</b>	CMT2 Panel	HIBM Research Group
<b>33DUG</b>	CMT4 Panel	HIBM Research Group

GTU	Test Name	Laboratory Name
3JF2G	CMTx Panel	HIBM Research Group
34HDG	Comprehensive Neuropathies Panel	PerkinElmer Genomics
5C8HG	Comprehensive Neuropathy Panel	PreventionGenetics, part of Exact Sciences
7SB7G	Comprehensive Peripheral Neuropathy Gene Panel, Varies	Mayo Clinic Laboratories
28H7G	Dominant CMT Evaluation	Johns Hopkins Medical Institutions - Pathology Laboratory
4R7KG	Entrapment Neuropathy Evaluation	Athena Diagnostics Inc
6LC8G	Genomic Unity® Neuropathies Analysis	Varietyx
69J4G	Hereditary Neuropathies NGS Panel (Deletion/Duplication Only)	Fulgent Genetics
5DQKG	Hereditary Neuropathies NGS Panel (Sequencing & Deletion/Duplication)	Fulgent Genetics
5BRCG	Hereditary Neuropathies NGS Panel (Sequencing Only)	Fulgent Genetics
6DDJG	Hereditary Neuropathy Panel	GeneDx
34H8G	Hereditary Neuropathy Sequencing Panel	PerkinElmer Genomics
7SBTG	Inherited Motor and Sensory Neuropathy Gene Panel, Varies	Mayo Clinic Laboratories
7SBUG	Inherited Motor Neuropathy Gene Panel, Varies	Mayo Clinic Laboratories
7SBSG	Inherited Sensory Neuropathy Gene Panel, Varies	Mayo Clinic Laboratories
44FHG	Invitae Charcot-Marie-Tooth Disease Comprehensive Panel	Invitae Corporation
42UVG	Invitae Charcot-Marie-Tooth Disease Comprehensive Panel-Add-on Preliminary-evidence Genes for Charcot-Marie-Tooth Disease	Invitae Corporation
43UQG	Invitae Comprehensive Neuropathies Panel	Invitae Corporation
44Z2G	Invitae Comprehensive Neuropathies Panel-Add-on Preliminary-evidence Genes for Neuropathies	Invitae Corporation
42DJG	Invitae Hereditary Motor Neuropathy Panel	Invitae Corporation
44MQG	Invitae Hereditary Motor Neuropathy Panel-Add-on Preliminary-evidence Genes for Hereditary Motor Neuropathy	Invitae Corporation
28GZG	Partial CMT Eval-Recessive	Johns Hopkins Medical Institutions - Pathology Laboratory
7B72G	STAT Charcot Marie Tooth Disease Panel	PerkinElmer Genomics
7B65G	STAT Comprehensive Neuropathies Panel	PerkinElmer Genomics
7B6AG	STAT Hereditary Neuropathy Sequencing Panel	PerkinElmer Genomics
7ABQG	Taysha Gene Therapies GDX Hereditary Neuropathy Panel	GeneDx

## Hereditary Polyposis Panel Tests (formerly “Familial 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
86HCG	ColoSeq Polyposis	University of Washington Medical Center - Laboratory Medicine-Genetics Laboratory
86HDG	ColoSeq Polyposis genes sequenced	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
6S4CG	Cardiomyopathy, familial hypertrophic	Fairview Diagnostic Laboratories
3CFLG	HCM Panel	HIBM Research Group
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



GTU	Test Name	Laboratory Name
2FPZG	Hypertrophic Cardiomyopathy – HCM (41 genes) NGS + Sanger fill-in Panel	Baylor College of Medicine - John Welsh Cardiovascular Diagnostic Laboratory
3XPUG	Hypertrophic Cardiomyopathy – HCM (41 genes) NGS Panel	Baylor College of Medicine - John Welsh Cardiovascular Diagnostic Laboratory
2GNQG	Hypertrophic Cardiomyopathy (HCM) Panel	Blueprint Genetics
3CEJG	Hypertrophic Cardiomyopathy (HCM) Panel	Cincinnati Children's Hospital Medical Center - Molecular Genetics and Cytogenetics Laboratories
6DXMG	Hypertrophic Cardiomyopathy (HCM) Panel	GeneDx
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
3XQBG	Hypertrophic Cardiomyopathy Panel	PerkinElmer Genomics
5CYCG	Hypertrophic Cardiomyopathy Panel	PreventionGenetics, part of Exact Sciences
7U3GG	Hypertrophic Cardiomyopathy Panel (GeneDx)	University of Michigan - Michigan Medical Genetics Laboratories
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
5FNCG	Hypertrophic Cardiomyopathy Sequencing Test	University of Oklahoma Health Sciences Center - Genetics Laboratory
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
5FW5G	Invitae Long QT Syndrome Panel	Invitae Corporation
786WG	Invitae Long QT Syndrome Panel-Add-on Preliminary-evidence Genes for Long QT Syndrome	Invitae Corporation
77MWG	Long and Short QT Syndrome (NGS Panel and Copy Number Analysis)	MNG Laboratories
6Q7RG	Long QT Panel Deletion / Duplication	DDC Clinic Laboratory
782LG	Long QT Panel Next Generation Sequencing	DDC Clinic Laboratory
782KG	Long QT Panel NGS & Del Dup Comprehensive	DDC Clinic Laboratory
2KQNG	Long QT Panel, Sequencing and Deletion/Duplication	ARUP Laboratories
784HG	Long QT syndrome	Fairview Diagnostic Laboratories
39DQG	Long QT Syndrome – LQTS (15 genes) Deletion/Duplication Panel	Baylor College of Medicine - John Welsh Cardiovascular Diagnostic Laboratory
776UG	Long QT Syndrome – LQTS (15 genes) NGS + Sanger fill-in Panel	Baylor College of Medicine - John Welsh Cardiovascular Diagnostic Laboratory
78A2G	Long QT Syndrome – LQTS (15 genes) NGS Panel	Baylor College of Medicine - John Welsh Cardiovascular Diagnostic Laboratory
77S8G	Long QT Syndrome (LQTS) Panel	Blueprint Genetics
77BKG	Long QT Syndrome (LQTS) Panel	Children's Hospital of Philadelphia - Division of Genomic Diagnostics
5XA8G	Long QT Syndrome (LQTS) Panel Sequencing	Indiana University Molecular Genetics Diagnostic Laboratory - Indiana University Medical Center, School of Medicine
27X3G	Long QT Syndrome and Short QT Syndrome	Knight Molecular Diagnostic
77C6G	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
5X55G	Long QT Syndrome Gene Analysis	University of Minnesota Physicians Outreach Laboratory
7SBNG	Long QT Syndrome Gene Panel, Varies	Mayo Clinic Laboratories
77L7G	Long QT syndrome NGS Panel	Connective Tissue Gene Tests
5N7XG	Long QT syndrome NGS Panel	Greenwood Genetic Center - Molecular Diagnostic Laboratory
6MADG	Long QT syndrome NGS Panel Deletion / Duplication	Connective Tissue Gene Tests
774ZG	Long QT syndrome NGS Panel Next Generation Sequencing	Connective Tissue Gene Tests

GTU	Test Name	Laboratory Name
76V5G	Long QT Syndrome Panel	Cincinnati Children's Hospital Medical Center - Molecular Genetics and Cytogenetics Laboratories
785ZG	Long QT Syndrome Panel	PerkinElmer Genomics
78FTG	Long QT Syndrome Panel	PreventionGenetics, part of Exact Sciences
7DN3G	Long QT Syndromes panel	Washington University in St. Louis Genomics and Pathology Services
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

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

GTU	Test Name	Laboratory Name
6RPMG	COLARIS	Myriad Genetics
5HLGG	Hereditary cancer Lynch syndrome	Fairview Diagnostic Laboratories
7QCXG	HEREDITARY NONPOLYPOSIS COLORECTAL CANCER SCREEN	Clinical Pathology Laboratories
2YYWG	HNPCC concurrent	Ambry Genetics
2FTJG	HNPCC PANEL	Center for Human Genetics, Inc.
7SNVG	HNPCC/Lynch Deletion/Duplication	Ambry Genetics
2FS8G	HNPCC/Lynch Syndrome Del/Dup	UCSD - Molecular Diagnostics & Cytogenetics Laboratory
2AWXG	Invitae Lynch Syndrome Panel	Invitae Corporation
2FSEG	Lynch Syndrome - Hereditary (Germline) Testing	Labcorp   Oncology
7QFCG	Lynch Syndrome Focus (Sequencing & Deletion/Duplication)	Fulgent Genetics
2FRUG	Lynch Syndrome Gene Panel: 5 Genes (EPCAM, MLH1, MSH2, MSH6, PMS2) by Gene Sequencing with Deletion/Duplication Analysis	Medical Diagnostic Laboratories, LLC
7A2RG	Lynch syndrome Panel	PerkinElmer Genomics
57DNG	Lynch syndrome Panel	PreventionGenetics, part of Exact Sciences
2FRZG	Lynch syndrome Panel	Quest Diagnostics
5JURG	Lynch syndrome Panel	The University of Chicago Genetic Services

GTU	Test Name	Laboratory Name
7AC3G	Lynch Syndrome Panel, Sequencing and Deletion/Duplication	ARUP Laboratories
7DL5G	Lynch Syndrome Panel, Varies	Mayo Clinic Laboratories
4JKFG	Lynch Syndrome, MSH2 Sequencing and Deletion/Duplication (Including EPCAM)	Quest Diagnostics
72H6G	Lynch with RNAinsight	Ambry Genetics
7SEVG	Lynch/Colorectal High Risk Panel	Sema4
2FSKG	MLH1 / MSH2 / MSH6 / PMS2 Comprehensive Analysis	Labcorp   Oncology
2FSLG	MLH1 / MSH2 / MSH6 Comprehensive Analysis	Labcorp   Oncology
2FSNG	MLH1 / MSH2 Comprehensive Analysis	Labcorp   Oncology
2FSXG	MLH1, MSH2, and MSH6 Sequencing and Deletion/Duplication Panel	Knight Molecular Diagnostic
7DQLG	MLH1/MSH2 Del/Dup Testing by MLPA	PerkinElmer Genomics
2YYNG	MSH2 seq & del/dup & EPCAM del/dup	Ambry Genetics
7DQKG	MSH6/MUTYH/EPCAM Del/Dup Testing by MLPA	PerkinElmer Genomics
87B9G	VistaSeq Lynch Syndrome Panel	LabCorp

### 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
7TP4G	CancerNext Expanded HBOC	Ambry Genetics
7TP2G	CancerNext: HBOC	Ambry Genetics
76E2G	CancerNext-Expanded	Ambry Genetics
6UR7G	CancerNext-Expanded with RNAinsight	Ambry Genetics
5BTUG	Centocancer - NGS Panel (CNV included)	Centogene
5APDG	Centocancer comprehensive panel - NGS Panel (CNV included)	Centogene
7C5QG	Color Extended	Color Genomics

GTU	Test Name	Laboratory Name
7C5RG	Color Standard	Color Genomics
76E5G	Common Cancer Management Panel	GeneDx
7SF3G	Common Cancer Management Panel	Sema4
7CECG	Common Hereditary Cancer Panel	Baylor Genetics, LLC
7RX8G	Common Hereditary Cancer Screening Panel	PreventionGenetics, part of Exact Sciences
76BTG	COMP CANCER PANEL	ACL Laboratories
76CKG	Comprehensive Cancer Panel	PerkinElmer Genomics
76DQG	Comprehensive Common Cancer Panel	BioReference Laboratories
7QQLG	Comprehensive Common Cancer Panel	Sema4
76C3G	Comprehensive Common Cancer Panel: HBOC	GeneDx
5FV7G	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
76BAG	Comprehensive Hereditary Cancer Panel	Baylor Genetics, LLC
76CDG	Comprehensive Hereditary Cancer Panel	Blueprint Genetics
5K7ZG	Comprehensive Hereditary Cancer Panel	Children's Hospital of Philadelphia - Division of Genomic Diagnostics
262EG	Comprehensive Hereditary Cancer Panel	Quest Diagnostics
77HHG	Comprehensive Pan-cancer analysis (DNA and RNA analysis)	Children's Hospital Colorado Precision Diagnostics Laboratory
76DHG	CustomNext-Cancer	Ambry Genetics
6UR2G	CustomNext-Cancer with RNAinsight	Ambry Genetics
76CAG	Empower - Multi-cancer expanded Hereditary Cancer Test	Natera
76C5G	Empower - Multi-cancer Hereditary Cancer Test	Natera
4M9NG	Full Comprehensive Cancer Panel (Deletion/Duplication Only)	Fulgent Genetics
6U89G	Full Comprehensive Cancer Panel (Germline)	NeoGenomics Laboratories
76CUG	Full Comprehensive Cancer Panel (Sequencing & Deletion/Duplication)	Fulgent Genetics
4U95G	Full Comprehensive Cancer Panel (Sequencing Only)	Fulgent Genetics
3HLKG	Full Focus Cancer Panel (Deletion/Duplication Only)	Fulgent Genetics
6U8AG	Full Focus Cancer Panel (Germline)	NeoGenomics Laboratories

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GTU	Test Name	Laboratory Name
76DMG	Full Focus Cancer Panel (Sequencing & Deletion/Duplication)	Fulgent Genetics
4CCHG	Full Focus Cancer Panel (Sequencing Only)	Fulgent Genetics
25XXG	Guideline Based Hereditary Cancer Panel	Quest Diagnostics
6URZG	HC COMMON HEREDITARY CANCER PANEL	UCSF Molecular Diagnostics Laboratory
76BWG	Hereditary Breast and Ovarian Cancer - Expanded and Lynch Syndrome Panel	PreventionGenetics, part of Exact Sciences
76DRG	Hereditary Cancer	Color Genomics
76CCG	Hereditary Cancer High Risk Panel	Blueprint Genetics
76DXG	Hereditary Cancer Panel, Sequencing and Deletion/Duplication	ARUP Laboratories
7DLHG	Hereditary Common Cancer Panel, Varies	Mayo Clinic Laboratories
7DKGG	Hereditary Expanded Cancer Panel, Varies	Mayo Clinic Laboratories
76CMG	High/mod Risk Panel (20 genes)	ACL Laboratories
76DKG	Inherited Cancer Panel	Knight Molecular Diagnostic
76CHG	Integrated BRACAnalysis with Myriad myRisk Hereditary Cancer Update Test	Myriad Genetics
7AV5G	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
7AV7G	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
7DQGG	NxGen Hereditary Cancer Panel	NxGen MDx
76CWG	OncoGene Dx Custom Panel	GeneDx
7C54G	OncoGene Dx Panel (91 genes)	BioReference Laboratories
78FJG	Pan-cancer DNA Analysis	Children's Hospital Colorado Precision Diagnostics Laboratory
33A8G	PREDICT	Lab Solutions, LLC
2TQXG	PrevenTest	Advanced Molecular Diagnostics, LLC

GTU	Test Name	Laboratory Name
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
7TS8G	Targeted Oncology Panel Next Generation Sequencing Peripheral Blood	Cleveland Clinic Laboratories
86S2G	Tempus  xG Common Hereditary Cancers 52 genes	Tempus Clinical Laboratory
86S3G	Tempus  xG Extended Hereditary Cancers 88 genes	Tempus Clinical Laboratory
76D8G	VistaSeq Hereditary Cancer Panel	Integrated Genetics
76BXG	VistaSeq Hereditary Cancer Panel	LabCorp
76BRG	VistaSeq Hereditary Cancer Panel	Labcorp   Oncology
7RVRG	WholeCancer™ Panel	PerkinElmer Genomics

### Prostate Cancer Prognostic Algorithmic Tests

GTU	Test Name	Laboratory Name
7BN5G	Decipher Prostate Genomic Classifier	Veracyte
7Q8UG	Oncotype DX Genomic Prostate Score Assay	MDx Health
4SVPG	Oncotype DX Prostate Cancer Assay	University of Minnesota Physicians Outreach Laboratory
6UUUG	Prolaris	Myriad Genetics
6UU7G	Prolaris Biopsy	Myriad Genetics

### 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

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GTU	Test Name	Laboratory Name
6UW7G	ThyGeNEXT only	Interpace Diagnostics
6LJDG	ThyGeNEXT w/ Reflex to ThyraMIR	Interpace Diagnostics
6UUFG	ThyroSeq	CBLPath
6UTYG	ThyroSeq - Thyroid Cancer Next-Generation Sequencing Panel	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
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 - UCDCM - Molecular and Cytogenetic 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

### TPMT Typing (Thiopurine Medications) Tests

GTU	Test Name	Laboratory Name
345AG	Azathioprine / Imuran Pharmacogenetics	Cincinnati Children's Hospital Medical Center - Molecular Genetics and Cytogenetics Laboratories
7SLHG	GeneIDPGX, Custom (TPMT)	Advanced Molecular Diagnostics, LLC



GTU	Test Name	Laboratory Name
4JVSG	PGX TPMT Genotyping	Indiana University Molecular Genetics Diagnostic Laboratory - Indiana University Medical Center, School of Medicine
737KG	PROMETHEUS TPMT Genetics	Prometheus Laboratories
6QZDG	Thiopurine methyl transferase Genotyping	UCSF Molecular Diagnostics Laboratory
3UWEG	Thiopurine Methyltransferase (TPMT) Genotype for Drug Metabolism	University of Florida - Health Pathology Laboratories
4B2LG	Thiopurine Methyltransferase (TPMT) Genotyping	Esoterix, Inc.
2VFRG	Thiopurine Methyltransferase (TPMT), Genotype	University of Michigan - Michigan Medical Genetics Laboratories
33YVG	Thiopurine Pharmacogenetics Analysis	Cincinnati Children's Hospital Medical Center - Molecular Genetics and Cytogenetics Laboratories
8EE7G	Thiopurine S-Methyltransferase (TPMT) Genotype	Medfusion
2E2AG	Thiopurine S-Methyltransferase (TPMT) Genotype	Quest Diagnostics
2PMKG	Thiopurine S-Methyltransferase Genotype (TPMT)	Integrated Regional Laboratories
6LCKG	TPMT Genetic Genotype	Hennepin County Medical Center
5BN7G	TPMT Genetics	Nationwide Children's Hospital - Cytogenetics and Molecular Genetics Laboratory
2ZKKG	TPMT Genetics (Genotype)	Norton CPA Lab
2CU2G	TPMT GENOTYPE	Empire City Laboratories, Inc.
28MQG	TPMT GENOTYPE	Johns Hopkins Medical Institutions - Pathology Laboratory
26QQG	TPMT GENOTYPE	Palo Verde Laboratory - division of Sonora Quest Lab
2D87G	TPMT Genotype Assay	Cleveland Clinic Laboratories
5NGSG	TPMT Genotyping	Genelex
3ZQ4G	TPMT Genotyping	Sanford USD Medical Center - Sanford Clinic USD Genetics Laboratory
6CG3G	TPMT Prenatal Targeted Sequencing Analysis	PreventionGenetics, part of Exact Sciences
7P99G	TPMT Targeted Variant - 2 Variants Test	GeneDx
7JAMG	TPMT Targeted Variant - Single Test	GeneDx

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

GTU	Test Name	Laboratory Name
86SBG	Altera Tumor Profiling	Natera

GTU	Test Name	Laboratory Name
34X2G	CancerPlex	KEW Group
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
2FRQG	Comprehensive Solid Tumor Panel	Children's Hospital of Philadelphia - Division of Genomic Diagnostics
72Y9G	Endeavor Comprehensive Solid Tumor Profile	PathGroup
6UVBG	FoundationOne	University of Minnesota Physicians Outreach Laboratory
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
86PJG	Guardant360 TissueNext	Guardant Health
7AWEG	MayoComplete Solid Tumor Panel, Next-Generation Sequencing, Tumor	Mayo Clinic Laboratories
6WUTG	MI Tumor Seek Hybrid	Caris Life Sciences
6UUMG	MSK-IMPACT	Memorial Sloan Kettering Cancer Center
2Z49G	Next Generation Sequencing Oncology Tumor Testing	University of Minnesota Physicians Outreach Laboratory
34WBG	NGS Solid Tumor Panel	Johns Hopkins Medical Institutions - Pathology Laboratory
7TH7G	OncoAlly Solid Tumor Analysis	Variyantx
2JJWG	OncoComplete	City of Hope National Medical Center - Molecular Diagnostic Laboratory
2YA6G	OncoGxOne	Admera Health
76ETG	Oncoplex Select Cancer Gene Panel	University of Washington Medical Center - Laboratory Medicine-Genetics Laboratory
76EQG	Oncoplex Select Director	University of Washington Medical Center - Laboratory Medicine-Genetics Laboratory
76EYG	Oncoplex Select Interpretation	University of Washington Medical Center - Laboratory Medicine-Genetics Laboratory
76EZG	Oncoplex Select Methods	University of Washington Medical Center - Laboratory Medicine-Genetics Laboratory
76ESG	Oncoplex Select Panel	University of Washington Medical Center - Laboratory Medicine-Genetics Laboratory

GTU	Test Name	Laboratory Name
76ERG	Oncoplex Select Result	University of Washington Medical Center - Laboratory Medicine-Genetics Laboratory
76EXG	Oncoplex Select Tested Sample	University of Washington Medical Center - Laboratory Medicine-Genetics Laboratory
2FLHG	Paired Tumor/Normal – Comprehensive Solid Tumor Panel	Children's Hospital of Philadelphia - Division of Genomic Diagnostics
2FLGG	Paired Tumor/Normal – Solid Tumor Panel	Children's Hospital of Philadelphia - Division of Genomic Diagnostics
7TKLG	Pan-Cancer Solid Tumor NGS Panel	UCLA Diagnostic Molecular Pathology Laboratory
6V93G	PCMP - Personalized Cancer Mutation Panel	University of Pittsburgh Medical Center - Division of Molecular Diagnostics
7UJFG	PennSeq Solid Tumor Panel	University of Pennsylvania School of Medicine - Molecular Pathology Laboratory
2K9WG	PGDx elio tissue complete	Personal Genome Diagnostics
7A5HG	Precise Tumor	Myriad Genetics
2DSFG	RNA Fusion Analysis	Children's Hospital Colorado Precision Diagnostics Laboratory
2D5BG	Solid Tumor DNA Analysis	Children's Hospital Colorado Precision Diagnostics Laboratory
7SVMG	Solid Tumor Expanded Panel	Quest Diagnostics
6QZNG	Solid Tumor Fusion Analysis	Nationwide Children's Hospital - Cytogenetics and Molecular Genetics Laboratory
7TKMG	Solid Tumor Fusion Panel	UCLA Diagnostic Molecular Pathology Laboratory
2ARCG	Solid Tumor Gene Set	Washington University in St. Louis Genomics and Pathology Services
3CSSG	Solid Tumor Molecular Profile	Fulgent Genetics
2NSPG	Solid Tumor NGS Panel	University of Michigan - Michigan Medical Genetics Laboratories
2FRPG	Solid Tumor Panel	Children's Hospital of Philadelphia - Division of Genomic Diagnostics
6UWNG	Solid tumor panel - Somatic Mutation Analysis	Centogene
2LEVG	Solid Tumor Targeted Cancer Gene Panel by Next-Generation Sequencing, NGS	Medical College of Wisconsin - Human and Molecular Genetics Center
7C3KG	Solid tumor targeted NGS panel	Allina Health Laboratory
2H8EG	Tempus xT: Targeted panel of 648 genes (Solid Tumor + Normal)	Tempus Clinical Laboratory
86SDG	Tempus xT: Targeted panel of 648 genes (Solid Tumor Only)	Tempus Clinical Laboratory
6RWJG	TempusTM Test	ACL Laboratories
6LS8G	UW OncoPlex Cancer Gene Panel	University of Washington Medical Center - Laboratory Medicine-Genetics Laboratory

GTU	Test Name	Laboratory Name
5LYGG	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
2DWYG	Cancer Mutation 50-Gene Panel, Next Generation Sequencing	Veripath Laboratories
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
6UY5G	OncoMutation	City of Hope National Medical Center - Molecular Diagnostic Laboratory
2V3FG	OncoSeq - NGS Panel for Solid Tumors	University of Pittsburgh Medical Center - Division of Molecular Diagnostics
86LTG	OnkoSight Advanced Solid Tumor NGS Panel	BioReference Laboratories
6VBBG	OnkoSight Solid Tumor 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

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

GTU	Test Name	Laboratory Name
87BHG	OmniSeq INSIGHT®	LabCorp

## Uveal Melanoma Prognostic Algorithmic Tests

<b>GTU</b>	<b>Test Name</b>	<b>Laboratory Name</b>
<b>6UTUG</b>	DecisionDx-UM	Castle Biosciences Inc
<b>3BSZG</b>	Uveal Melanoma Prognostic	Cleveland Clinic Laboratories
<b>2BLLG</b>	Uveal Melanoma Prognostic Test	LabCorp