

# Genetic Tests and Laboratory Matrix

The matrix below contains all the genetic tests that National Imaging Associates (NIA) manages. This matrix is designed to assist in determining if a genetic test requires authorization. Genetic tests are grouped by category and includes 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](#).

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
842EG	Atrial fibrillation (WES based NGS panel of 28 genes, including CNV analysis)	CGC Genetics USA
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

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GTU	Test Name	Laboratory Name
2LRSG	Combined Cardiac Panel	GeneDx
53VJG	Comp Arrhythmia Panel	Johns Hopkins Medical Institutions - Pathology Laboratory
2QALG	Comprehensive Arrhythmia NGS Panel (Deletion/Duplication Only)	Fulgent Genetics
25DJG	Comprehensive Arrhythmia NGS Panel (Sequencing & Deletion/Duplication)	Fulgent Genetics
3EQZG	Comprehensive Arrhythmia NGS Panel (Sequencing Only)	Fulgent Genetics
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
6DDSG	Custom Arrhythmia Panel	GeneDx
77LWG	Custom Combined Cardiac Panel	GeneDx
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
4ZP3G	GeneSeq®: Cardio-Familial Arrhythmia Profile	Integrated Genetics
4ZNAG	GeneSeq®: Cardio-Familial Arrhythmia Profile	LabCorp
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

GTU	Test Name	Laboratory Name
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
775SG	Pediatric Combined Cardiac	GeneDx
6R6JG	Postmortem Arrhythmia Panel, Varies	Mayo Clinic Laboratories
783JG	Rest of Arrhythmia after Brugada Syndrome Panel	GeneDx
783UG	Rest of Arrhythmia after CPVT Panel	GeneDx
775WG	Rest of Arrhythmia after LQTS Panel	GeneDx
6DDUG	Rest of Arrhythmia after SCA Panel	GeneDx
775TG	Rest of Combined Cardiac after ARVC Panel	GeneDx
2Z2MG	RhythmNext™	Ambry Genetics
58GWG	SCA Arrhythmia Panel	Johns Hopkins Medical Institutions - Pathology Laboratory
4SCTG	Sinus node syndrome (NGS panel of 3 genes)	CGC Genetics USA
7B7BG	STAT Arrhythmia Comprehensive Panel	PerkinElmer Genomics
6DTGG	Sudden Cardiac Arrest Arrhythmia Panel	GeneDx
4AAWG	Ventricular fibrillation, familial	Fairview Diagnostic Laboratories

## BRCA1/2 Sequencing Tests

GTU	Test Name	Laboratory Name
76CFG	ASPiRA GenetiX BRCA1, BRCA2 reflex to Comprehensive Breast and Ovarian 34	ASPiRA LABS
6RPGG	BRCAAnalysis CDx	Myriad Genetics
74PQG	BRCA 1 and BRCA 2 Deletion and Duplication	Palo Verde Laboratory - division of Sonora Quest Lab
2FFUG	BRCA AVANTAGE, COMPREHENSIVE	Empire City Laboratories, Inc.
3GPZG	BRCA Comprehensive (BRCA 1 and BRCA 2 Seq & Del/Dup Analysis)	Genetics Center - Molecular and Cytogenetic Diagnostic Laboratories
26REG	BRCA Panel (BRCA1, BRCA2)	Palo Verde Laboratory - division of Sonora Quest Lab

GTU	Test Name	Laboratory Name
2E63G	BRCA Panel (BRCA1, BRCA2)	Quest Diagnostics
25M2G	BRCA Panel Plus	Quest Diagnostics
2SECG	BRCA1 & BRCA2 Panel-NGS	Baylor Miraca Genetics Laboratories
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
6DTJG	BRCA1 and BRCA2 Sequencing	GeneDx
2ELCG	BRCA1 and BRCA2 Sequencing and Deletion/Duplication	Knight Molecular Diagnostic
2SF6G	BRCA1 and BRCA2 Sequencing and Deletion/Duplication Testing	Sema4
6UQAG	BRCA1 and BRCA2-Associated HBOC Syndrome Panel, Sequencing and Deletion/Duplication	ARUP Laboratories
6UQTG	BRCA1-2 with RNAinsight™	Ambry Genetics
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
2UXBG	BRCA1/2 Gene Sequencing	University of Michigan - Michigan Medical Genetics Laboratories
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
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
6LTEG	BRCA1&2 Analysis	University of Washington Medical Center - Laboratory Medicine-Genetics Laboratory
546VG	BRCAssure: BRCA1 / 2 Comprehensive Analysis	Integrated Oncology

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GTU	Test Name	Laboratory Name
58G6G	BRCAssure: Comprehensive BRCA1 / 2 Analysis	Integrated Genetics
6LS6G	BRCAssure®: BRCA1 and BRCA2 Comprehensive Analysis	LabCorp
2TMSG	Breast Actionable Hereditary Gene Analysis Deletion and Duplication	University of Minnesota Physicians Outreach Laboratory
2XKRG	Breast Expanded Hereditary Gene Analysis Deletion and Duplication	University of Minnesota Physicians Outreach Laboratory
6RMJG	Comprehensive BRACAnalysis	Myriad Genetics
2C88G	Empower - BRCA1 & BRCA2 Hereditary Cancer Test	Natera
5EWPG	Familial breast/ovarian cancer (sequencing and CNV analysis of BRCA1 and BRCA2 genes)	CGC Genetics USA
6RRLG	HBOC Panel	University of Oklahoma Health Sciences Center - Genetics Laboratory
57DKG	Hereditary Breast and Ovarian Cancer BRCA1/2 Panel	PreventionGenetics
32SZG	Hereditary Breast and Ovarian Cancer Syndrome Panel	PerkinElmer Genomics
2CHKG	Hereditary cancer BRCA1 BRCA2	Fairview Diagnostic Laboratories
5BY8G	Hereditary Cancer Breast Gyn Actionable	University of Minnesota Physicians Outreach Laboratory
2V8RG	Integrated BRAC Analysis, EDTA Whole Blood (BRACA 1 & 2 Testing)	Marshfield Labs
6RMHG	Integrated BRACAnalysis®	Myriad Genetics
44N2G	Invitae BRCA1 and BRCA2 STAT Panel	Invitae Corporation
442GG	Invitae Hereditary Breast and Ovarian Cancer Syndrome Panel	Invitae Corporation
6RN9G	Reflex BRACAnalysis	Myriad Genetics
7CBHG	Sema4 Signal Hereditary Cancer BRCA1 and BRCA2 Panel	Sema4
7B7QG	STAT Hereditary Breast and Ovarian Cancer Syndrome Panel	PerkinElmer Genomics

### Breast Cancer Treatment and Prognostic Algorithmic Tests

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

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

GTU	Test Name	Laboratory Name
7BZFG	FoundationOne Liquid CDx (For Allina outpatient use only)	Allina Health Laboratory
6R3DG	FoundationOne®Liquid CDx	Foundation Medicine
27X9G	Guardant 360 Tumor Sequencing Assay	University of Minnesota Physicians Outreach Laboratory
7ABJG	Guardant360	Guardant Health
6UW6G	Guardant360 CDx	Guardant 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
4FGPG	InVisionFirst®-Lung Liquid Biopsy	NeoGenomics Laboratories
3FYGG	NeoLAB® Solid Tumor Liquid Biopsy	NeoGenomics Laboratories
537NG	PGDx elio™ plasma resolve*	Personal Genome Diagnostics
6UTZG	Resolution ctDx Lung™ assay (Liquid Biopsy)	LabCorp
6UU4G	Resolution ctDx-Lung Assay™ (Liquid Biopsy)	Integrated Oncology

### 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
2EW5G	CGH-POC: Comparative Genomic Hybridization	New Jersey Medical School - Institute of Genomic Medicine
2EKCG	Chromosomal Microarray - Prenatal Diagnosis	Knight Molecular Diagnostic
4ZHZG	Chromosomal microarray (array CGH, Cytoscan 750K), prenatal test	CGC Genetics USA
2EDZG	Chromosomal Microarray Analysis - CMA Products of Conception (POC) (Affymetrix CytoScan HD array)	Washington University in St. Louis Pathology Services

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GTU	Test Name	Laboratory Name
2LBVG	Chromosomal Microarray Analysis - Prenatal CMA Amniotic Fluid (Affymetrix CytoScan HD array)	Washington University in St. Louis Pathology Services
2QYYG	Chromosomal Microarray Analysis - Prenatal CMA Chorionic Villi Sampling (Affymetrix CytoScan HD array)	Washington University in St. Louis Pathology Services
33K3G	Chromosomal Microarray Analysis - Tissue	Baylor Miraca Genetics Laboratories
6LRAG	Chromosomal Microarray Analysis (CMA) - Products of Conception	Allina Health Laboratory
33X4G	Chromosomal Microarray Prenatal (CMAP)	Marshfield Labs
6R2VG	Chromosomal Microarray, Autopsy, Products of Conception, or Stillbirth, Varies	Mayo Clinic Laboratories
6R3NG	Chromosomal Microarray, Autopsy/Products of Conception/Stillbirth, Tissue	Mayo Clinic Laboratories
2E8MG	Chromosomal Microarray, POC, ClariSure Oligo-SNP	Quest Diagnostics
3PJJG	CHROMOSOMAL MICROARRAY, POC, CLARISURE OLIGO-SNP,POC	Empire City Laboratories, Inc.
8EPBG	Chromosomal Microarray, Postnatal Familial Follow-up, ClariSure Oligo-SNP	Quest Diagnostics
2ETFG	Chromosomal Microarray, Prenatal, ClariSure	Johns Hopkins Medical Institutions - Pathology Laboratory
6LEBG	Chromosomal Microarray, Prenatal	Hennepin County Medical Center
6R47G	Chromosomal Microarray, Prenatal, Amniotic Fluid/Chorionic Villus Sampling	Mayo Clinic Laboratories
2EQ3G	Chromosomal Microarray, Prenatal, ClariSure Oligo-SNP	Quest Diagnostics
2WTGCG	CHROMOSOMAL MICROARRAY, PRENATAL CLARISURE	Empire City Laboratories, Inc.
3KVVG	Comparative Genomic Hybridization (CGH): Products of Conception (POC)	New Jersey Medical School - Institute of Genomic Medicine
7DK8G	Cytogenomic Molecular Inversion Probe Array FFPE Tissue - Products of Conception	ARUP Laboratories
25DWG	Cytogenomic SNP Microarray - Fetal	ARUP Laboratories
4XSNG	Cytogenomic SNP Microarray - Fetal	TriCore Reference Laboratories
3DQXG	Cytogenomic SNP Microarray - Fetal	UCSD - Molecular Diagnostics & Cytogenetics Laboratory
222KG	Cytogenomic SNP Microarray, Fetal	University of Minnesota Physicians Outreach Laboratory
78KYG	Cytogenomic SNP Microarray&nbsp;-&nbsp;Fetal	University of California Davis Health System - UCDCM - Molecular and Cytogenetic Laboratory

GTU	Test Name	Laboratory Name
2P6UG	Expanded Chromosomal Microarray Analysis - Prenatal - Amniotic Fluid	Baylor Miraca Genetics Laboratories
4JAVG	Expanded Chromosomal Microarray Analysis - Prenatal - CVS	Baylor Miraca Genetics Laboratories
2EKBG	Genomic Microarray, POC	ACL Laboratories
5BR7G	Genomic Microarray, Prenatal (Amniotic Fluid or CVS)	ACL Laboratories
2EXDG	Genomic SNP Microarray, Products of Conception	ARUP Laboratories
2EMZG	Illumina Microarray Analysis- Targeted Family	University of Wisconsin - Madison WSLH - UW Cytogenetic Services
2ENDG	Microarray-Products of Conception (POC) Reveal® FFPE	LabCorp
2E65G	Microarray-Products of Conception (POC) Reveal® FFPE, Data Transfer	LabCorp
5BMSG	POC (Products of Conception) / Tissue Microarray Analysis	Nationwide Children's Hospital - Cytogenetics and Molecular Genetics Laboratory
7BNNG	POC Microarray Reflex MCC	LabCorp
5BN2G	POC Microarray with 5-Cell Chromosome Analysis	Nationwide Children's Hospital - Cytogenetics and Molecular Genetics Laboratory
2M7XG	Pregnancy Loss Microarray	Colorado Genetics Laboratory
49X5G	Pregnancy Loss Microarray	Greenwood Genetic Center - Molecular Diagnostic Laboratory
328BG	Prenatal Cytogenomic Microarray	University Hospitals
2LEXG	Prenatal Microarray	Greenwood Genetic Center - Molecular Diagnostic Laboratory
2EE3G	Prenatal Microarray Analysis with Parental Testing	Nationwide Children's Hospital - Cytogenetics and Molecular Genetics Laboratory
5BNTG	Prenatal Microarray with 5-Cell Chromosome Analysis (No Parental Testing)	Nationwide Children's Hospital - Cytogenetics and Molecular Genetics Laboratory
2E8KG	Prenatal Microarray without Parental Testing	Nationwide Children's Hospital - Cytogenetics and Molecular Genetics Laboratory
2EMWG	Prenatal SNP Microarray	Colorado Genetics Laboratory
6L6WG	Prenatal Targeted Chromosomal Microarray	GeneDx
7C4VG	Prenatal Whole Genome Chromosomal Microarray	BioReference Laboratories
6WNXG	Prenatal Whole Genome Chromosomal Microarray	GeneDx
3JXFG	Products of Conception Microarray + SNP	Cleveland Clinic Laboratories
6LUQG	Rapid Prenatal Chromosomal Microarray via aCGH and SNP - Prenatal Test	PreventionGenetics

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GTU	Test Name	Laboratory Name
7C4WG	Reflex to Prenatal Targeted Chromosomal Microarray from Chromosomes	BioReference Laboratories
7C4XG	Reflex to Prenatal Whole Genome Chromosomal Microarray from Chromosomes	BioReference Laboratories
4ZPRG	Reveal® SNP Microarray – POC	Integrated Genetics
5BNSG	Reveal® SNP Microarray – Prenatal	Integrated Genetics
2EPWG	SNP Array for Prenatal Analysis (aka Microarray)	UCSF Molecular Diagnostics Laboratory
5FU7G	SNP Array for Tissue and POC (aka Microarray)	UCSF Molecular Diagnostics Laboratory
34WFG	SNP Microarray – Products of Conception	Knight Molecular Diagnostic
3U6CG	SNP Microarray (Direct)–Prenatal (Reveal®)	LabCorp
3N8VG	SNP Microarray–Prenatal (Reveal®)	LabCorp
3U6BG	SNP Microarray–Products of Conception (POC) / Tissue (Reveal®)	LabCorp

### Chromosomal Microarray (SNP and CGH) Tests

GTU	Test Name	Laboratory Name
25SKG	2.7 M SNP Chromosomal Microarray	Nicklaus Children’s Hospital - Miami Genetic Laboratories
4LCPG	Array CGH	UAB Cytogenetics Laboratory
4ZQCG	Array CGH Constitutional blood (Microarray)	PathGroup
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
2E8LG	Assure SNP Microarray Analysis (FDA cleared) – Prenatal & Postnatal	CytoGenX
3GPJG	Assure™ SNP Microarray Analysis (FDA cleared)	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
5FADG	Chromosomal microarray (array CGH, Cytoscan 750K)	CGC Genetics USA

GTU	Test Name	Laboratory Name
6UQJG	Chromosomal Microarray (CGH+SNP)	Insight Medical Genetics
6XNCG	Chromosomal Microarray (GenomeDx®)	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 Miraca Genetics Laboratories
2ZAVG	Chromosomal Microarray Analysis - HR + SNP Screen (Comprehensive)	Baylor Miraca Genetics Laboratories
4YNVG	Chromosomal microarray analysis (array CGH, Cytoscan HD)	CGC Genetics USA
2UC7G	Chromosomal microarray analysis (array CGH, Cytoscan HD), familial testing	CGC Genetics USA
6LRBG	Chromosomal microarray analysis (CMA) - Blood	Allina Health 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
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

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GTU	Test Name	Laboratory Name
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
2DYKG	CHROMOSOME MICROARRAY, POSTNATAL	Empire City Laboratories, Inc.
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
5DPRG	Comparative Genomic Hybridization - Recommended	University of Minnesota Physicians Outreach Laboratory
2Z48G	Comparative Genomic Hybridization (CGH) with Single Nucleotide Polymorphism (SNP Array)	University of Minnesota Physicians Outreach Laboratory
2EPKG	Comparative Genomic Hybridization (CGH): Mental Retardation/ Developmental Delay	New Jersey Medical School - Institute of Genomic Medicine
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
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
4DNFG	Cytogenomic Microarray Analysis for Constitutional Abnormalities	University of Washington Medical Center - Laboratory Medicine-Genetics Laboratory
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
2X3MG	CYTOGENOMIC SNP MICROARRAY (BLOOD)	University of California Davis Health System - UCDCM - Molecular and Cytogenetic Laboratory

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GTU	Test Name	Laboratory Name
2542G	Cytogenomic SNP Microarray Buccal Swab	ARUP Laboratories
4PPTG	Exon-Centric Deletion/Duplication Anaylsis	Knight Molecular Diagnostic
2D5QG	FirstStep PLUS	Lineagen, Inc.
3MA8G	Genomic Microarray, Blood	ACL Laboratories
2ENHG	Genomic SNP Microarray, Products of Conception	University of California Davis Health System - UCDMC - Molecular and Cytogenetic Laboratory
2ETGG	Illumina Global Screening Array Sequencing Test	Gene by Gene
2EQNG	Illumina Microarray Analysis	University of Wisconsin - Madison WSLH - UW Cytogenetic Services
2EMYG	Invitae Chromosomal Microarray Analysis (CMA) with follow-up FISH when required	Invitae Corporation
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
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
5FNEG	NeoARRAY SNP/Cytogenetic Profile	NeoGenomics Laboratories
2DYJG	Pediatric and Adult (Postnatal) SNP Microarray	Colorado Genetics Laboratory
6NNJG	Rapid Chromosomal Microarray via aCGH and SNP Test	PreventionGenetics
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
2DYMJG	Reveal® SNP Microarray Pediatric	Integrated Genetics
2EN4G	SNP Array	Ambry Genetics

Genetic Test and Laboratory Matrix 07072022 - UNBRANDED

GTU	Test Name	Laboratory Name
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
2Z5JG	SNP Microarray Pediatric	Integrated Regional Laboratories
2EKEG	SNP microarray Processing, Extraction and Storage	UCSF Molecular Diagnostics Laboratory
49AAG	SNP Microarray when Routine Chrom or High Res and Fragile X have ALREADY been billed	Center for Human Genetics, Inc.
2EQQG	SNP Microarray–Pediatric (Reveal®)	LabCorp
52MEG	SNP Oligonucleotide Microarray Analysis (SOMA)	Columbia University - Personalized Genomic Medicine
2M58G	Whole Genome Chromosomal Microarray	BioReference Laboratories
6NNKG	Whole-Genome Chromosomal Microarray (CMA-ISCA) via the aCGH and SNP Test	PreventionGenetics
2ZPHG	Whole-Genome SNP Microarray: Cytoscan HD Microarray	Greenwood Genetic Center - Molecular Diagnostic Laboratory

### Comprehensive Cardiomyopathy Panel Tests

GTU	Test Name	Laboratory Name
5EEJG	Cardiac conduction changes (WES based NGS panel of 29 genes, including CNV analysis)	CGC Genetics USA
6S35G	Cardiomyopathy	Fairview Diagnostic Laboratories
5DPTG	Cardiomyopathy Gene Analysis	University of Minnesota Physicians Outreach Laboratory
2JJGG	Cardiomyopathy Panel	Blueprint Genetics
6DDTG	Cardiomyopathy Panel	GeneDx
4MUVG	Cardiomyopathy Panel	Northwest Clinical Genomics Lab
2EMVG	Cardiomyopathy panel NGS	All Children's Hospital

Genetic Test and Laboratory Matrix 07072022 - UNBRANDED

GTU	Test Name	Laboratory Name
45LWG	Cardiomyopathy Pediatric Panel	Children's Hospital of Philadelphia - Division of Genomic Diagnostics
79PLG	CentoCardio™ - NGS Panel (CNV included)	Centogene
2YZFG	CMNext®	Ambry Genetics
28S8G	Comp Cardiomyopathy Panel	Johns Hopkins Medical Institutions - Pathology Laboratory
2BXWG	Comprehensive Cardiomyopathy (NGS Panel and Copy Number Analysis + mtDNA)	MNG Laboratories
6R3FG	Comprehensive Cardiomyopathy Multi-Gene Panel, Blood	Mayo Clinic Laboratories
3XZHG	Comprehensive Cardiomyopathy NGS Panel (Deletion/Duplication Only)	Fulgent Genetics
25DLG	Comprehensive Cardiomyopathy NGS Panel (Sequencing & Deletion/Duplication)	Fulgent Genetics
33E5G	Comprehensive Cardiomyopathy NGS Panel (Sequencing Only)	Fulgent Genetics
345YG	Comprehensive Cardiomyopathy Panel	Cincinnati Children's Hospital Medical Center - Molecular Genetics and Cytogenetics Laboratories
332EG	Comprehensive Cardiomyopathy Panel	Knight Molecular Diagnostic
34GVG	Comprehensive Cardiomyopathy Panel	PerkinElmer Genomics
2L5LG	Custom Cardiomyopathy Panel	GeneDx
39DBG	Custom Pediatric Cardiomyopathy	GeneDx
3GBZG	GeneSeq®: Cardio-Familial Cardiomyopathy Profile	Integrated Genetics
56ZPG	GeneSeq®: Cardio-Familial Cardiomyopathy Profile	LabCorp
5FWFG	Invitae Cardiomyopathy Comprehensive Panel	Invitae Corporation
5U3FG	Pan Cardiomyopathy (92 genes) Deletion/Duplication Panel	Baylor College of Medicine - John Welsh Cardiovascular Diagnostic Laboratory
2G3NG	Pan Cardiomyopathy (92 genes) NGS + Sanger fill-in Panel	Baylor College of Medicine - John Welsh Cardiovascular Diagnostic Laboratory
5638G	Pan Cardiomyopathy (92 genes) NGS Panel	Baylor College of Medicine - John Welsh Cardiovascular Diagnostic Laboratory
57C9G	Pan Cardiomyopathy Panel	PreventionGenetics
27TGG	Pan Cardiomyopathy Panel (62 Genes) Test	Laboratory for Molecular Medicine - Harvard Medical School and Partners Healthcare
2WVRG	Pediatric Cardiomyopathy	GeneDx
6R6YG	Postmortem Cardiomyopathy Panel, Varies	Mayo Clinic Laboratories

Genetic Test and Laboratory Matrix 07072022 - UNBRANDED



GTU	Test Name	Laboratory Name
6DTCG	Rest of Cardiomyopathy after DCM Panel	GeneDx
6DXQG	Rest of Cardiomyopathy after HCM Panel	GeneDx
7B77G	STAT Comprehensive Cardiomyopathy Panel	PerkinElmer Genomics
7AP3G	Suggested Custom Slice - Lymphedema	GeneDx

### Dilated Cardiomyopathy (DCM) Panel Tests

GTU	Test Name	Laboratory Name
6S48G	Cardiomyopathy, dilated	Fairview Diagnostic Laboratories
3CCLG	DCM Panel	HIBM Research Group
2YW9G	DCMNext®	Ambry Genetics
5NAGG	Dilated & Arrhythmogenic Cardiomyopathy Sequencing Panel	Greenwood Genetic Center - Molecular Diagnostic Laboratory
3JZVG	Dilated Cardiomyopathy – DCM (52 genes) Deletion/Duplication Panel	Baylor College of Medicine - John Welsh Cardiovascular Diagnostic Laboratory
2FP7G	Dilated Cardiomyopathy – DCM (52 genes) NGS + Sanger fill-in Panel	Baylor College of Medicine - John Welsh Cardiovascular Diagnostic Laboratory
3CBJG	Dilated Cardiomyopathy – DCM (52 genes) NGS Panel	Baylor College of Medicine - John Welsh Cardiovascular Diagnostic Laboratory
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
6R48G	Dilated Cardiomyopathy Multi-Gene Panel, Next-Generation Sequencing, Blood	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

Genetic Test and Laboratory Matrix 07072022 - UNBRANDED

GTU	Test Name	Laboratory Name
2KTAG	Dilated Cardiomyopathy Panel, Sequencing	ARUP Laboratories
3XPBG	Dilated Cardiomyopathy Sequencing Panel with CNV Detection: Institution-Specific	PreventionGenetics
6BERG	Familial dilated cardiomyopathy type 1SD and 1HH (deletion/duplication analysis of TNNT2 and BAG3 genes)	CGC Genetics USA
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
78CFG	Dystonia (WES based NGS panel of 117 genes, including CNV analysis)	CGC Genetics USA

GTU	Test Name	Laboratory Name
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
3DR6G	Dystonia sensitive to Dopa (deletion/duplication analysis of GCH1 and TH genes)	CGC Genetics USA
778BG	Invitae Dystonia Comprehensive Panel	Invitae Corporation
76S3G	Invitae Dystonia Comprehensive Panel-Add-on Preliminary-evidence Genes for Dystonia	Invitae Corporation
4SRKG	Isolated Dystonia Evaluation	Athena Diagnostics Inc
5X6QG	Myoclonic Dystonia Panel	PerkinElmer Genomics
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

GTU	Test Name	Laboratory Name
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
7732G	Childhood-Onset Epilepsy Panel, Sequencing and Deletion/Duplication	ARUP Laboratories
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
73X4G	Comprehensive Epilepsy NGS Panel	LabCorp
77RBG	Comprehensive Epilepsy Panel	Blueprint Genetics
78KDG	Comprehensive Epilepsy Panel	GeneDx
778XG	Comprehensive Epilepsy Panel	PerkinElmer Genomics
78FZG	Comprehensive Epilepsy Panel \"RESTRICTED TEST\"	Molecular Diagnosis - University of Rochester Medical Center - Strong Memorial Hospital
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
77FPG	Early Infantile Epileptic Encephalopathy Panel	PreventionGenetics
77V3G	Early Infantile Epileptic Encephalopathy Sequencing Panel	Greenwood Genetic Center - Molecular Diagnostic Laboratory

Genetic Test and Laboratory Matrix 07072022 - UNBRANDED

GTU	Test Name	Laboratory Name
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
2Q8RG	Epilepsies (deletion/duplication on CHRNA4, CHRN2, EPM2A, KCNQ1, KCNQ3 and NHLRC1 genes)	CGC Genetics USA
776MG	Epilepsy	Fairview Diagnostic Laboratories
83Z5G	Epilepsy (WES based NGS panel for 596 genes, including CNV analysis)	CGC Genetics USA
77GTG	Epilepsy Advanced Sequencing and CNV Evaluation	Athena Diagnostics Inc
77YBG	Epilepsy Advanced Sequencing and CNV Evaluation - Developmental Brain Malformations	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
5DSFG	Epilepsy Comprehensive NGS Panel (Deletion/Duplication Only)	Fulgent Genetics
7724G	Epilepsy Comprehensive NGS Panel (Sequencing & Deletion/Duplication)	Fulgent Genetics
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

GTU	Test Name	Laboratory Name
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 Sequencing Panel	Greenwood Genetic Center - Molecular Diagnostic Laboratory
77LQG	Epilepsy/Seizures panel	Knight Molecular Diagnostic
78G2G	EpilepsyNext <sup>®</sup>	Ambry Genetics
78GSG	EpilepsyNext-Expanded <sup>™</sup>	Ambry Genetics
776GG	Epileptic Encephalopathy (NGS Panel and Copy Number Analysis)	MNG Laboratories
78CDG	Epileptic encephalopathy (WES based NGS panel of 137 genes, including CNV analysis)	CGC Genetics USA
779KG	Epileptic Encephalopathy Panel	Blueprint Genetics
76PWG	Epileptic Encephalopathy Panel	University of Washington Medical Center - Laboratory Medicine-Genetics Laboratory
86PAG	EpiPanelDxPLUS	Lineagen, Inc.
772UG	EpiRapid <sup>®</sup>	Ambry Genetics
775EG	EpiXpanded Panel	GeneDx
775FG	EpiXpanded, Family Member Testing	GeneDx
779WG	Idiopathic Generalized and Focal Epilepsy Panel	Blueprint Genetics
783BG	Infantile Epilepsy Panel	GeneDx

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
7733G	Infantile Epilepsy Panel, Sequence Analysis and Exon-Level Deletion/Duplication	ARUP Laboratories
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
24NKG	Invitae Hereditary Moyamoya Disease Panel	Invitae Corporation
25BHG	Invitae Hereditary Moyamoya Disease Panel-Add-on Preliminary-evidence Gene for Moyamoya Disease	Invitae Corporation
5GBBG	Invitae Neuronal Ceroid Lipofuscinoses Panel-Add-on Adult-onset Neuronal Ceroid Lipofuscinosis Genes	Invitae Corporation
779ZG	Metabolic Epilepsy Panel	Blueprint Genetics
6MKAG	Moyamoya	Fairview Diagnostic Laboratories
3EAUG	Moyamoya disease (NGS panel of 3 genes)	CGC Genetics USA
76TPG	NCL and Progressive Myoclonic 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
28DHG	Nocturnal frontal lobe epilepsy (NGS panel of 8 genes)	CGC Genetics USA
77XKG	PGXome Custom - Early Epileptic Encephalopathy, Dominant and X-linked	PreventionGenetics
7764G	PGXome Custom - Early Infantile Epileptic Encephalopathy, Dominant and X-linked	PreventionGenetics
78EUG	PGXome Custom - Early Infantile Epileptic Encephalopathy, Recessive	PreventionGenetics
5HKQG	Seizures, benign familial infantile	Fairview Diagnostic Laboratories

Genetic Test and Laboratory Matrix 07072022 - UNBRANDED

GTU	Test Name	Laboratory Name
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 Parental Report to Previous Whole Exome Sequencing TRIO Test	PerkinElmer Genomics
2LNHG	Additional Affected Sibling for Trio	Baylor Miraca Genetics Laboratories
2FV5G	Any Panel Expand to Exome Plus	Blueprint Genetics
4BXYG	Any Panel Expand to Exome Plus Family	Blueprint Genetics
5477G	BluePrint Proband Whole Exome Sequencing	Baylor Miraca Genetics Laboratories
79AQG	Centodx® - NGS Panel	Centogene
79ARG	CentoLCV - NGS Panel (CNV included)	Centogene
3HA5G	Cerebral Palsy Xpanded Panel	BioReference Laboratories
783RG	Cerebral Palsy Xpanded Panel	GeneDx
78K6G	Cerebral Palsy Xpanded, Family Member Testing	GeneDx
46YFG	CHOP Medical Exome (for patient/proband exome sequencing)	Children's Hospital of Philadelphia - Division of Genomic Diagnostics
46WXG	CHOP Medical Exome + MitoGenome Combined Test	Children's Hospital of Philadelphia - Division of Genomic Diagnostics
6RG2G	Chromosomal Sequencing Analysis (Sequencing & Deletion/Duplication)	Fulgent Genetics
77JAG	Clinical Exome (Sequencing & Del/Dup) Trio	Fulgent Genetics
77YSG	Clinical Exome (Sequencing & Deletion/Duplication)	Fulgent Genetics
78GBG	Clinical Exome (Sequencing Only)	Fulgent Genetics
78GCG	Clinical Exome (Sequencing) Trio	Fulgent Genetics
537AG	Clinical Exome Sequencing	DNA Diagnostic Laboratory - Johns Hopkins Hospital
24C9G	Clinical Exome Sequencing - Duo (Proband and 1 family member)	UCLA Diagnostic Molecular Pathology Laboratory
2WCZG	Clinical Exome Sequencing - Exome re-analysis	UCLA Diagnostic Molecular Pathology Laboratory



GTU	Test Name	Laboratory Name
33B2G	Clinical Exome Sequencing - Family Trio (Proband and two family members preferred)	UCLA Diagnostic Molecular Pathology Laboratory
2XH2G	Clinical Exome Sequencing - Individual/Proband only	UCLA Diagnostic Molecular Pathology Laboratory
2ZN9G	Clinical Exome Sequencing - Quad (Proband and 3 family members)	UCLA Diagnostic Molecular Pathology Laboratory
3MJ7G	Diagnostic Exome Sequencing	Laboratory for Molecular Medicine - Harvard Medical School and Partners Healthcare
3TRVG	Diagnostic Exome Sequencing - Exome Trio Auxillary Member	Laboratory for Molecular Medicine - Harvard Medical School and Partners Healthcare
3TRYG	Diagnostic Exome Sequencing - Exome Trio Proband	Laboratory for Molecular Medicine - Harvard Medical School and Partners Healthcare
3TRSG	Diagnostic Exome Sequencing - Incidental Findings	Laboratory for Molecular Medicine - Harvard Medical School and Partners Healthcare
5FGEG	Disease exome by CGC Genetics	CGC Genetics USA
4Z8HG	Disease exome-Trio by CGC Genetics	CGC Genetics USA
86SUG	Duo Whole Exome Sequencing	Baylor Miraca Genetics Laboratories
2TQRG	Exome Family Member	University of Minnesota Physicians Outreach Laboratory
3V27G	Exome Select	The University of Chicago Genetic Services
24Q2G	Exome Sequencing - Proband	Knight Molecular Diagnostic
33W5G	Exome Sequencing - Trio	Knight Molecular Diagnostic
2KSYG	Exome Sequencing (Proband Only)	The University of Chicago Genetic Services
2G2KG	Exome Sequencing (Proband)	Northwest Clinical Genomics Lab
4GMQG	Exome Sequencing (Trio)	The University of Chicago Genetic Services
4M9ZG	Exome Sequencing Comparator	Northwest Clinical Genomics Lab
2WWZG	Exome Sequencing Re-analysis	Northwest Clinical Genomics Lab
53RNG	Exome Sequencing Symptom-Guided Analysis	UCSD - Molecular Diagnostics & Cytogenetics Laboratory
4N3SG	Exome Sequencing Trio	Northwest Clinical Genomics Lab
256PG	Exome Sequencing, Familial Control	ARUP Laboratories
256YG	Exome Sequencing, Proband	ARUP Laboratories
25BPG	Exome Sequencing, Trio	ARUP Laboratories
2CPVG	Exome with CNV Evaluation, Duo	Quest Diagnostics

Genetic Test and Laboratory Matrix 07072022 - UNBRANDED

GTU	Test Name	Laboratory Name
2E8HG	Exome with CNV Evaluation, Family Member	Quest Diagnostics
2CNMG	Exome with CNV Evaluation, Proband	Quest Diagnostics
26NQG	Exome with CNV Evaluation, Trio	Quest Diagnostics
46SRG	Exome, Family Member	Children's Hospital of Philadelphia - Division of Genomic Diagnostics
28FHG	ExomeNext-Duo plus mtDNA	Ambry Genetics
2YZMG	ExomeNext-Duo™	Ambry Genetics
2YZQG	ExomeNext-Proband plus mtDNA	Ambry Genetics
2YZRG	ExomeNext-Proband™	Ambry Genetics
5U8XG	ExomeNext-Trio plus mtDNA	Ambry Genetics
2YZVG	ExomeNext-Trio™	Ambry Genetics
33Z3G	ExomeSeq - Whole Exome Sequencing	Cincinnati Children's Hospital Medical Center - Molecular Genetics and Cytogenetics Laboratories
4SUTG	Expand to Exome-Each Additional Family Member	Blueprint Genetics
7A7AG	Family Member Comparator Specimen for Exome Sequencing, Varies	Mayo Clinic Laboratories
7ABUG	Genomic Unity® Exome Plus Analysis - Duo	Varietyx
7ABTG	Genomic Unity® Exome Plus Analysis - Single	Varietyx
7ABVG	Genomic Unity® Exome Plus Analysis - Trio	Varietyx
2BFBG	GML Exome Family Member Peripheral blood draw	UCSF Molecular Diagnostics Laboratory
2BFEG	GML Exome Proband 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

GTU	Test Name	Laboratory Name
6RGKG	MNG Exome TRIO Sequencing	MNG Laboratories
77FXG	MNG Exome TRIO Sequencing + mtDNA	MNG Laboratories
4AVGG	NextStep PLUS	Lineagen, Inc.
4EGTG	Optic Atrophy Evaluation \"RESTRICTED TEST\"	Molecular Diagnosis - University of Rochester Medical Center - Strong Memorial Hospital
5E4FG	PGxome® Diagnostic Exome Test - Duo	PreventionGenetics
5E5HG	PGxome® Diagnostic Exome Test - Trio	PreventionGenetics
5E3RG	PGxome® Diagnostic Exome Test Patient Only	PreventionGenetics
5E4SG	PGxome® Diagnostic Exome Test Patient Plus	PreventionGenetics
56ZHG	PGxome® Health Screen Exome Test - Couple Pricing	PreventionGenetics
6LUFG	PGxome® Prenatal Exome Test - Duo	PreventionGenetics
5NGYG	PGxome® Prenatal Exome Test - Trio	PreventionGenetics
6LUGG	PGxome® Prenatal Exome Test Patient Only	PreventionGenetics
6QZHG	Prenatal Exome Sequencing	Greenwood Genetic Center - Molecular Diagnostic Laboratory
7BM3G	PRENATAL EXOMESEQ	Cincinnati Children's Hospital Medical Center - Molecular Genetics and Cytogenetics Laboratories
55S7G	Prenatal Trio Whole Exome Sequencing	Baylor Miraca Genetics Laboratories
2ZBFG	Proband Whole Exome Sequencing	Baylor Miraca Genetics Laboratories
27YXG	Proband Whole Exome Sequencing Plus CMA	Baylor Miraca Genetics Laboratories
76VCG	Proband Whole Exome Sequencing PLUS comprehensive MtDNA analysis	Baylor Miraca Genetics Laboratories
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/ Parental 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

Genetic Test and Laboratory Matrix 07072022 - UNBRANDED

GTU	Test Name	Laboratory Name
2G7GG	Sequential Trio Whole Exome Sequencing	Baylor Miraca Genetics Laboratories
4PFEG	Single Gene Expand to Exome Plus Family (trios)	Blueprint Genetics
2WP2G	Single Gene Expanded to Exome Plus	Blueprint Genetics
6DS8G	SliceXpanded reflex to XomeDxXpress	GeneDx
348XG	Total BluePrint Panel	Baylor Miraca Genetics Laboratories
6QQMG	Trio Whole Exome Sequencing	Baylor Miraca Genetics Laboratories
776NG	Trio Whole Exome Sequencing PLUS comprehensive MtDNA analysis	Baylor Miraca Genetics Laboratories
4YU9G	WES by CGC Genetics (whole exome sequencing, including CNV analysis)	CGC Genetics USA
2CE2G	WES Disease Panel, including CNV analysis	CGC Genetics USA
22DJG	WES Single or Multi-Sample (Duo, Trio, Quad, etc.)	Medical College of Wisconsin - Human and Molecular Genetics Center
58DXG	WES-Trio by CGC Genetics (whole exome sequencing, including CNV analysis)	CGC Genetics USA
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
53N9G	Whole Exome Additional Family Members	Blueprint Genetics
5JSMG	Whole Exome Family Plus	Blueprint Genetics
5HGMM	Whole Exome Plus	Blueprint Genetics
2Z7LG	Whole Exome Sequencing	Gene by Gene
6QZFG	Whole Exome Sequencing	Greenwood Genetic Center - Molecular Diagnostic Laboratory
5BY3G	Whole Exome Sequencing	University of Minnesota Physicians Outreach Laboratory
5JQPG	Whole Exome Sequencing - DUO (Proband)	LabCorp
5JR8G	Whole Exome Sequencing - Proband Only	LabCorp
2Z5DG	Whole Exome Sequencing - Reanalysis	Nationwide Children's Hospital - Cytogenetics and Molecular Genetics Laboratory
5XKLG	Whole Exome Sequencing - TRIO (Proband)	LabCorp

GTU	Test Name	Laboratory Name
4UNCG	Whole Exome Sequencing \"RESTRICTED TEST\"	Molecular Diagnosis - University of Rochester Medical Center - Strong Memorial Hospital
6LSZG	Whole Exome Sequencing Comparator - Additional FM	LabCorp
6LT2G	Whole Exome Sequencing Comparator - Father	LabCorp
6LSYG	Whole Exome Sequencing Comparator - Mother	LabCorp
3XWBG	Whole Exome Sequencing DATA Only (per sample)	PerkinElmer Genomics
7AYRG	Whole Exome Sequencing DUO with Parental Reports	PerkinElmer Genomics
7A7EG	Whole Exome Sequencing for Hereditary Disorders, Varies	Mayo Clinic Laboratories
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
2DR9G	Whole Exome Sequencing: Proband Analysis Only	University of Wisconsin - Madison WSLH - UW Cytogenetic Services
33NTG	Whole Exome Sequencing: Trio Analysis	University of Wisconsin - Madison WSLH - UW Cytogenetic Services
5FMPG	Whole exome via NGS (Duo with full parental report)	Allele Diagnostics
5FMNG	Whole exome via NGS (Proband only)	Allele Diagnostics
5FMQG	Whole exome via NGS (Trio with full parental reports)	Allele Diagnostics
24C4G	Whole exome via NGS (Trio with proband report only)	Allele Diagnostics
2LTEG	Xome Family Member Report (No charge)	GeneDx
4D6NG	XomeDx (Whole Exome Sequencing) Additional Family Member	GeneDx
2NW5G	XomeDX 561d (additional family member comparator)	GeneDx
6L9QG	XomeDx Duo	GeneDx
46N6G	XomeDx Trio	Children's Hospital of Philadelphia - Division of Genomic Diagnostics
6L9SG	XomeDx® - Proband	GeneDx
6RVYG	XomeDx® - Trio	GeneDx
4JJWG	XomeDx®Fetal - Duo	GeneDx
4HYEG	XomeDx®Plus - Duo	GeneDx

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GTU	Test Name	Laboratory Name
77MHG	XomeDx®Plus - Proband	GeneDx
77M2G	XomeDx®Plus - Trio	GeneDx
2W48G	XomeDx®Prenatal - Comprehensive	GeneDx
86LBG	XomeDxFetal- Duo	BioReference Laboratories
86LAG	XomeDxFetal- Proband	BioReference Laboratories
86L9G	XomeDxFetal- Trio	BioReference Laboratories
78HHG	XomeDxPlus (WES + mtDNA) - Additional family member	GeneDx
46J4G	XomeDxPlus Proband	Children's Hospital of Philadelphia - Division of Genomic Diagnostics
46V3G	XomeDxPlus Trio	Children's Hospital of Philadelphia - Division of Genomic Diagnostics
777MG	XomeDxPlus WES + mtDNA Sequencing and Deletion Testing	University of Minnesota Physicians Outreach Laboratory

### Expanded Carrier Panel Tests

GTU	Test Name	Laboratory Name
4YB5G	ASPiRA GenetiX Carrier Screening 155	ASPiRA LABS
23HPG	ASPiRA GenetiX Carrier Screening 327	ASPiRA LABS
5YC6G	ASPiRA GenetiX Carrier Screening 37	ASPiRA LABS
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

Genetic Test and Laboratory Matrix 07072022 - UNBRANDED

GTU	Test Name	Laboratory Name
77K3G	Beacon Focus Female Carrier Screening Panel (Sequencing & Deletion/Duplication)	Fulgent Genetics
78HBG	Beacon Focus Male Carrier Screening Panel (Sequencing & Deletion/Duplication)	Fulgent Genetics
842FG	Carrier genetic testing (WES based NGS panel of 101 genes, including analysis of CNVs)	CGC Genetics USA
6U8PG	Common Carrier Screening Panel	Connective Tissue Gene Tests
53XSG	East Asian Carrier Screen (95 genes)	Sema4
6VADG	Expanded Carrier Screen (152 genes)	Sema4
78J6G	Expanded Carrier Screen (283 Genes)	Sema4
53XVG	Expanded Carrier Screen (39 genes)	Sema4
7CBAG	Expanded Carrier Screen (502 Genes)	Sema4
78GTG	Expanded Carrier Screen by Next Generation Sequencing with Fragile X	ARUP Laboratories
7832G	Expanded Carrier Screening	UCSF Molecular Diagnostics Laboratory
86D7G	Extended Carrier Screening Panel	Connective Tissue Gene Tests
6RN4G	Foresight ACOG panel	Myriad Genetics
77BDG	Foresight ACOG panel - with FMR1 add-on	Myriad Genetics
78HYG	Foresight Carrier Screen	Myriad Genetics
34P9G	FUNDAMENTAL PLUS 2528 (COUNSYL)	Enzo Clinical Labs
6LJSG	GeneAware - ACMG and ACOG Panel - Female	Baylor Miraca Genetics Laboratories
6LKLK	GeneAware - ACMG and ACOG Panel - Male	Baylor Miraca Genetics Laboratories
6LKWG	GeneAware - Basic Panel - Female	Baylor Miraca Genetics Laboratories
6LJAG	GeneAware - Basic Panel - Male	Baylor Miraca Genetics Laboratories
53PTG	GeneAware - Complete Panel - Female	Baylor Miraca Genetics Laboratories
6V9KG	GeneAware - Complete Panel - Male	Baylor Miraca Genetics Laboratories
6343G	GeneSeq®PLUS	Integrated Genetics
77BUG	GeneSeq®PLUS	LabCorp
3NY2G	GeneSeq®PLUS without VUS	Integrated Genetics
76VJG	GeneSeq®PLUS without VUS	LabCorp

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GTU	Test Name	Laboratory Name
4ZMUG	GeneSeq®PLUS without VUS, Prenatal	Integrated Genetics
789YG	GeneSeq®PLUS without VUS, Prenatal	LabCorp
2AL5G	GeneSeq®PLUS, Prenatal	Integrated Genetics
789ZG	GeneSeq®PLUS, Prenatal	LabCorp
6LKUG	High Frequency Carrier Screen (11 Genes)	Sema4
7759G	Horizon 14 (14 disease panel)	Natera
7758G	Horizon 27 (27 disease Pan-ethnic Standard panel)	Natera
7757G	Horizon 274 (274 disease Pan-ethnic Extended panel)	Natera
72ESG	Horizon 421	Natera
7A7WG	Horizon ACMG Panel	Natera
6V4QG	INHERIGEN	GenPath Diagnostics
6UWPG	INHERIGEN PLUS	GenPath Diagnostics
6Y5WG	InheriGenTx	BioReference Laboratories
77ENG	Inheritest Carrier Screen - Society Guided Panel (14 Genes)	Integrated Genetics
77LMG	Inheritest® 500 PLUS Panel	Integrated Genetics
7838G	Inheritest® 500 PLUS with Repro Partners Report	Integrated Genetics
77BGG	Inheritest® Carrier Screen, Comprehensive Panel (144 Genes)	LabCorp
5JQAG	Inheritest® Carrier Screen, Society-guided Panel (14 Genes)	LabCorp
77BTG	Inheritest®500 PLUS Panel	LabCorp
77BVG	Inheritest®500 PLUS with Repro Partners Report	LabCorp
6RLLG	MNG Carrier Exome Sequencing and Copy Number Analysis + mtDNA (for couples only)	MNG Laboratories
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 - UCDMC - 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
55HTG	NxGen Hematological Panel	NxGen MDx



GTU	Test Name	Laboratory Name
77NPG	NxGen Super Panel	NxGen MDx
77BBG	NxGen Universal Panel	NxGen MDx
782EG	Premium genetic test of carriers, man	CGC Genetics USA
77KYG	Premium genetic test of carriers, woman	CGC Genetics USA
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
4CK8G	UNIVERSAL PLUS GENETICS TEST 2522 (COUNSYL)	Enzo Clinical Labs

### Familial Polyposis Panel Tests

GTU	Test Name	Laboratory Name
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
5BM5G	ColoSeq _ Polyposis	University of Washington Medical Center - Laboratory Medicine-Genetics Laboratory
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

GTU	Test Name	Laboratory Name
6QVMG	Hereditary Polyposis Panel	PreventionGenetics

### Hematologic Malignancy Panel Tests

GTU	Test Name	Laboratory Name
45EWG	CHOP Heme Panel	Children's Hospital of Philadelphia - Division of Genomic Diagnostics
5K89G	Comprehensive BMF/MDS/Leukemia Predisposition Panel	Children's Hospital of Philadelphia - Division of Genomic Diagnostics
2UVHG	Comprehensive BMF/MDS/Leukemia Predisposition Panel - Reflex	Children's Hospital of Philadelphia - Division of Genomic Diagnostics
2DVSG	Comprehensive Lymphoid Oncology (DNA and RNA analysis)	Children's Hospital Colorado Precision Diagnostics Laboratory
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
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
2WQNG	Hematologic Neoplasm Next Generation Sequencing Panel Marrow	Cleveland Clinic Laboratories
5DFHG	Hematologic Neoplasm Next Generation Sequencing Panel Peripheral Blood	Cleveland Clinic Laboratories
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

GTU	Test Name	Laboratory Name
6USEG	Hereditary Hematopoietic Malignancy/Immunodeficiency Predisposition panel	The University of Chicago Genetic Services
2AVSG	Hereditary Myeloid Neoplasms Panel, Sequencing	ARUP Laboratories
72AHG	IntelliGEN® Myeloid	LabCorp
5PPVG	Juvenile Myelomonocytic Leukemia Associated Exon Panel	UCSF Molecular Diagnostics Laboratory
28E8G	Leukemia Trial NGS Panel, Blood	Johns Hopkins Medical Institutions - Pathology Laboratory
28MEG	Leukemia Trial NGS Panel, Bone Marrow	Johns Hopkins Medical Institutions - Pathology Laboratory
6LTPG	Lymphoid Gene Panel by NGS	University of Washington Medical Center - Laboratory Medicine-Genetics Laboratory
2DJPG	Lymphoid Oncology DNA Analysis	Children's Hospital Colorado Precision Diagnostics Laboratory
2XDBG	Myeloid Complete Molecular Profile	Genetic Associates
6VB9G	Myeloid Extended Mutation Analysis Panel by Next Generation Sequencing	Molecular Pathology Laboratory Network
6VAZG	Myeloid Malignancies Mutation Panel by Next Generation Sequencing	ARUP Laboratories
8EFPG	Myeloid Neoplasm Mutation Analysis Only	Medfusion
6UY4G	Myeloid tumor panel - Somatic Mutation Analysis	Centogene
2Z5AG	NEOTYPE MYELOID DISORDERS, BONE MARROW	University of California Davis Health System - UCDCM - Molecular and Cytogenetic Laboratory
3ZSJG	NeoTYPE® AITL/Peripheral T-Cell Lymphoma Profile	NeoGenomics Laboratories
86KGG	NeoTYPE® Discovery Profile for Hematologic Cancers	NeoGenomics Laboratories
86UPG	NeoTYPE® Lymphoid Disorders Profile	NeoGenomics Laboratories
6RQ7G	NeoTYPE® Myeloid Disorders Profile	NeoGenomics Laboratories
2VCQG	Next-Gen Sequencing, Hematologic Neoplasms (NGSHM)	Marshfield Labs
6VB7G	NGS Hematologic Malignancy Mutation Panel	UCSD - Molecular Diagnostics & Cytogenetics Laboratory
6U9NG	OncoHeme Next-Generation Sequencing for Myeloid Neoplasms, Varies	Mayo Clinic Laboratories
6V3FG	OncoHemeMutations	City of Hope National Medical Center - Molecular Diagnostic Laboratory
86LPG	OnkoSight Advanced Chronic Lymphoid Neoplasm NGS Panel	BioReference Laboratories
6UXUG	OnkoSight Myeloid Disorder Panel	BioReference Laboratories

GTU	Test Name	Laboratory Name
7DN9G	Paired Tumor/Normal – Comprehensive Hematologic Cancer Panel Test Menu	Children's Hospital of Philadelphia - Division of Genomic Diagnostics
7DN8G	Paired Tumor/Normal – Hematologic Cancer Panel Test Menu	Children's Hospital of Philadelphia - Division of Genomic Diagnostics
6V7SG	SmartGenomics Complete Heme Profile (Comprehensive)	PathGroup
6V42G	SmartGenomics Lymphoid Profile (Comprehensive)	PathGroup
6V85G	SmartGenomics Myeloid Profile (Comprehensive)	PathGroup
6V3QG	SmartGenomics NGS Expanded Heme	PathGroup
6VBGG	SmartGenomics NGS Lymphoid	PathGroup
6V76G	SmartGenomics NGS Myeloid	PathGroup
2733G	T Large Granular Lymphocyte NGS Panel	University of Minnesota Physicians Outreach Laboratory

### Hereditary GI/Colon Cancer Panel Tests

GTU	Test Name	Laboratory Name
2NBHG	Centocolon - NGS Panel (CNV included)	Centogene
76DFG	COLARIS AP®PLUS with Myriad myRisk® Hereditary Cancer Update Test	Myriad Genetics
76DEG	COLARIS®PLUS with Myriad myRisk® Hereditary Cancer Update Test	Myriad Genetics
6RR4G	ColoNext	Sema4
76DUG	ColoNext®	Ambry Genetics
6UQPG	ColoNext® with RNAinsight™	Ambry Genetics
3598G	Colorectal Cancer Comprehensive Panel (Deletion/Duplication Only)	Fulgent Genetics
76E3G	Colorectal Cancer Comprehensive Panel (Sequencing & Deletion/Duplication)	Fulgent Genetics
3ATVG	Colorectal Cancer Comprehensive Panel (Sequencing Only)	Fulgent Genetics
3D5AG	Colorectal Cancer Focus Panel (Deletion/Duplication Only)	Fulgent Genetics
76E4G	Colorectal Cancer Focus Panel (Sequencing & Deletion/Duplication)	Fulgent Genetics
34KAG	Colorectal Cancer Focus Panel (Sequencing Only)	Fulgent Genetics
2L58G	Colorectal Cancer Germline NGS Panel	University of Michigan - Michigan Medical Genetics Laboratories

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GTU	Test Name	Laboratory Name
76DSG	Colorectal Cancer Panel	ACL Laboratories
76DWG	Colorectal Cancer Panel	GeneDx
76BGG	Colorectal Cancer Panel	PerkinElmer Genomics
3DW5G	ColoSeq - Lynch and Polyposis Panel	University of Washington Medical Center - Laboratory Medicine-Genetics Laboratory
6V2QG	Comprehensive Colon Cancer Panel (Seq & Del/Dup)	Genetics Center - Molecular and Cytogenetic Diagnostic Laboratories
6S5NG	Hereditary cancer colon	Fairview Diagnostic Laboratories
76CNG	Hereditary colon cancer (NGS panel for 21 genes, including CNV analysis)	CGC Genetics USA
2YB4G	Hereditary Colorectal Cancer Panel	Blueprint Genetics
25LZG	Hereditary Colorectal Cancer Panel	Quest Diagnostics
76DZG	Hereditary Colorectal Cancer Panel	The University of Chicago Genetic Services
76BPG	Hereditary Colorectal/Gastrointestinal Cancer Panel	Baylor Miraca Genetics Laboratories
76BCG	Hereditary Gastrointestinal Cancer Panel	Blueprint Genetics
76DNG	Hereditary Gastrointestinal Cancer Panel, Sequencing and Deletion/Duplication	ARUP Laboratories
7DLGG	Hereditary Gastrointestinal Cancer Panel, Varies	Mayo Clinic Laboratories
6V9EG	Hereditary High-Risk Colon Cancer Panel	Children's Hospital of Philadelphia - Division of Genomic Diagnostics
6V4NG	Hereditary High-Risk Colorectal Cancer Panel	Baylor Miraca Genetics Laboratories
45K7G	Inherited Colon Cancer Panel	Knight Molecular Diagnostic
778DG	Invitae Colorectal Cancer Guidelines-Based Panel	Invitae Corporation
77QBG	Invitae Colorectal Cancer Guidelines-Based Panel-Add-on Gene with Emerging Data for Colorectal Cancer	Invitae Corporation
76CYG	Invitae Colorectal Cancer Panel	Invitae Corporation
76CZG	Invitae Colorectal Cancer Panel-Add-on Preliminary-evidence Genes for Colorectal Cancer	Invitae Corporation
2M33G	Lynch syndrome Panel	University of Oklahoma Health Sciences Center - Genetics Laboratory
6DXSG	Lynch/Colorectal High Risk Panel	GeneDx
7CBLG	Sema4 Signal Hereditary Cancer Colorectal Cancer Panel	Sema4
7B7KG	STAT Colorectal Cancer Panel	PerkinElmer Genomics

GTU	Test Name	Laboratory Name
76BSG	VistaSeq Colorectal Cancer Panel	Integrated Genetics
76CBG	VistaSeq Colorectal Cancer Panel	Integrated Oncology
2F64G	VistaSeq High Risk Colorectal Cancer Panel	Integrated Genetics
4NLFG	VistaSeq High Risk Colorectal Cancer Panel	Integrated Oncology
76DAG	VistaSeq® Colorectal Cancer Panel	LabCorp
58EYG	VistaSeq® High Risk Colorectal Cancer Panel	LabCorp

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

GTU	Test Name	Laboratory Name
6MLCG	Auditory neuropathy	Fairview Diagnostic Laboratories
6S4FG	Charcot Marie Tooth	Fairview Diagnostic Laboratories
5CZCG	Charcot Marie Tooth Disease Extended NGS Panel (Deletion/Duplication Only)	Fulgent Genetics
5DRRG	Charcot Marie Tooth Disease Extended NGS Panel (Sequencing & Deletion/Duplication)	Fulgent Genetics
2FHAG	Charcot Marie Tooth Disease Extended NGS Panel (Sequencing Only)	Fulgent Genetics
34H4G	Charcot Marie Tooth Disease Panel	PerkinElmer Genomics
6LSJG	Charcot-Marie-Tooth (CMT) - Axonal Neuropathy Panel	PreventionGenetics
6LU9G	Charcot-Marie-Tooth (CMT) - Comprehensive Panel	PreventionGenetics
6LS5G	Charcot-Marie-Tooth (CMT) - Demyelinating Neuropathy Panel	PreventionGenetics
24ZEG	Charcot-Marie-Tooth (CMT) and Related Hereditary Neuropathies, PMP22 Deletion/Duplication with Reflex to Sequencing Panel	ARUP Laboratories
2QD2G	Charcot-Marie-Tooth disease (deletion/duplication analysis on SH3TC2, NEFL, GDAP1, EGR2, SBF2, MTMR2 and PRX gene)	CGC Genetics USA
6RKDG	Charcot-Marie-Tooth Disease (NGS Panel and Copy Number Analysis + mtDNA)	MNG Laboratories
83WPG	Charcot-Marie-Tooth disease (WES based NGS panel of 43 genes, including analysis of CNVs)	CGC Genetics USA
6PBYG	Charcot-Marie-Tooth disease NGS Panel	Connective Tissue Gene Tests

GTU	Test Name	Laboratory Name
5PNAG	Charcot-Marie-Tooth disease NGS Panel Deletion / Duplication	Connective Tissue Gene Tests
6NSDG	Charcot-Marie-Tooth disease NGS Panel Next Generation Sequencing	Connective Tissue Gene Tests
3XL2G	Charcot-Marie-Tooth disease type 1B/2A (CMT1B/CMT2A, deletion/duplication analysis on MPZ and MFN2 genes)	CGC Genetics USA
6RKEG	Charcot-Marie-Tooth Disease, Axonal (NGS Panel and Copy Number Analysis + mtDNA)	MNG Laboratories
6S4GG	Charcot-Marie-Tooth disease, axonal, type 2	Fairview Diagnostic Laboratories
6RKFG	Charcot-Marie-Tooth Disease, Demyelinating (NGS Panel and Copy Number Analysis + mtDNA)	MNG Laboratories
6S4HG	Charcot-Marie-Tooth disease, dominant intermediate	Fairview Diagnostic Laboratories
4ABPG	Charcot-Marie-Tooth disease, recessive intermediate	Fairview Diagnostic Laboratories
6S4KG	Charcot-Marie-Tooth disease, type 1	Fairview Diagnostic Laboratories
6S4LG	Charcot-Marie-Tooth disease, type 4	Fairview Diagnostic Laboratories
5N8BG	Charcot-Marie-Tooth Hereditary Neuropathy Sequencing Panel	Greenwood Genetic Center - Molecular Diagnostic Laboratory
5HDHG	Charcot-Marie-Tooth Neuropathy Panel	Blueprint Genetics
5HLLG	Charcot-Marie-Tooth neuropathy, X-linked	Fairview Diagnostic Laboratories
2WRKG	Charcot-Marie-Tooth Panel	GeneDx
5JPSG	Charcot-Marie-Tooth Syndrome Panel	Knight Molecular Diagnostic
4ZL3G	CMT Advanced Evaluation - Axonal	Athena Diagnostics Inc
2CMUG	CMT Advanced Evaluation - Comprehensive	Athena Diagnostics Inc
3462G	CMT Advanced Evaluation - Dominant	Athena Diagnostics Inc
3CZKG	CMT Advanced Evaluation - Dominant, Axonal	Athena Diagnostics Inc
4ZKZG	CMT Advanced Evaluation - Dominant, Demyelinating	Athena Diagnostics Inc
4ACFG	CMT Advanced Evaluation - Initial Genetic Assessment	Athena Diagnostics Inc
34G7G	CMT Advanced Evaluation - Nonprevalent	Athena Diagnostics Inc
34E5G	CMT Advanced Evaluation - Nonprevalent Axonal	Athena Diagnostics Inc
4ZL2G	CMT Advanced Evaluation - Nonprevalent Demyelinating	Athena Diagnostics Inc
4D2EG	CMT Advanced Evaluation - Recessive	Athena Diagnostics Inc
4D5EG	CMT Advanced Evaluation - Recessive, Demyelinating	Athena Diagnostics Inc

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GTU	Test Name	Laboratory Name
4ZKYG	CMT Advanced Evaluation – Demyelinating	Athena Diagnostics Inc
34GNG	CMT Sequencing Panel	Norton CPA Lab
28GEG	CMT1 Evaluation Complete	Johns Hopkins Medical Institutions - Pathology Laboratory
2TUJG	CMT1 Panel	HIBM Research Group
3JEZG	CMT2 Panel	HIBM Research Group
33DUG	CMT4 Panel	HIBM Research Group
3JF2G	CMTx Panel	HIBM Research Group
2FQDG	Complete CMT Evaluation (Neuropathy Panel)	Children's Hospital of Philadelphia - Division of Genomic Diagnostics
34HDG	Comprehensive Neuropathies Panel	PerkinElmer Genomics
5C8HG	Comprehensive Neuropathy Panel	PreventionGenetics
28H7G	Dominant CMT Evaluation	Johns Hopkins Medical Institutions - Pathology Laboratory
4R7KG	Entrapment Neuropathy Evaluation	Athena Diagnostics Inc
6LC8G	Genomic Unity® Neuropathies Analysis	Variantix
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
5EL4G	Hereditary peripheral neuropathies, including Charcot-Marie-Tooth disease (WES based NGS panel of 178 genes, including CNV analysis)	CGC Genetics USA
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

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GTU	Test Name	Laboratory Name
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 Neuopathy Panel	GeneDx

### Hormone Receptor Agnostic Breast Cancer Prognostic Algorithmic Tests

GTU	Test Name	Laboratory Name
4K7JG	Agendia Breast Cancer Test Suite	Agendia, Inc.
49Z2G	MammaPrint	Agendia, Inc.

### Hormone Receptor Positive Breast Cancer Prognostic Algorithmic Tests

GTU	Test Name	Laboratory Name
6UU2G	Breast Cancer Index	bioTheranostics
759GG	Breast Cancer Index® (BCI)	NeoGenomics Laboratories
4ZMDG	Breast Cancer Prognostic Gene Signature Assay (Prosigna®), IVD	LabCorp
6UVJG	EndoPredict	Myriad Genetics
326SG	PROSIGNA BREAST CANCER PROGNOSTIC GENE SIGNATURE	Empire City Laboratories, Inc.
6UUCG	Prosigna Breast Cancer Prognostic Gene Signature Assay	Quest Diagnostics
4ZS9G	Prosigna® Assay	NeoGenomics Laboratories
54HTG	Prosigna® Breast Cancer Prognostic Gene Signature Assay	Integrated Oncology
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

### Hypertrophic Cardiomyopathy (HCM) Panel Tests

GTU	Test Name	Laboratory Name
6S4CG	Cardiomyopathy, familial hypertrophic	Fairview Diagnostic Laboratories
6DTDG	Custom HCM Panel	GeneDx
3CFLG	HCM Panel	HIBM Research Group

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GTU	Test Name	Laboratory Name
5LVCG	HCM Panel Deletion / Duplication	DDC Clinic Laboratory
6PZ3G	HCM Panel Next Generation Sequencing	DDC Clinic Laboratory
6PZ4G	HCM Panel NGS & Del Dup Comprehensive	DDC Clinic Laboratory
2YZAG	HCMNext Reflex	Ambry Genetics
2YZEG	HCMNext®	Ambry Genetics
5W3JG	Hypertrophic Cardiomyopathy – HCM (41 genes) Deletion/Duplication Panel	Baylor College of Medicine - John Welsh Cardiovascular Diagnostic Laboratory
2FPZG	Hypertrophic Cardiomyopathy – HCM (41 genes) NGS + Sanger fill-in Panel	Baylor College of Medicine - John Welsh Cardiovascular Diagnostic Laboratory
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
6R66G	Hypertrophic Cardiomyopathy Multi-Gene Panel, Blood	Mayo Clinic Laboratories
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
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
2FKSG	Hypertrophic Cardiomyopathy Panel \"RESTRICTED TEST\"	Molecular Diagnosis - University of Rochester Medical Center - Strong Memorial Hospital
2KTCG	Hypertrophic Cardiomyopathy Panel, Sequencing	ARUP Laboratories
5N9HG	Hypertrophic Cardiomyopathy Sequencing Panel	Greenwood Genetic Center - Molecular Diagnostic Laboratory

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GTU	Test Name	Laboratory Name
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
5E92G	Long QT syndrome (LQT, deletion/duplication analysis on KCNQ1, KCNH2, KCNE1, KCNE2 genes)	CGC Genetics USA
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
77PQG	Long QT syndrome (WES based NGS panel of 18 genes, including CNV analysis)	CGC Genetics USA

GTU	Test Name	Laboratory Name
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
5X5SG	Long QT Syndrome Gene Analysis	University of Minnesota Physicians Outreach Laboratory
6R2MG	Long QT Syndrome Multi-Gene Panel, Blood	Mayo Clinic Laboratories
77L7G	Long QT syndrome NGS Panel	Connective Tissue Gene Tests
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
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
5N7XG	Long QT Syndrome Sequencing Panel	Greenwood Genetic Center - Molecular Diagnostic Laboratory
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
2FTAG	Hereditary nonpolyposis colorectal cancer (HNPCC, deletion/duplication analysis on MLH1, MSH2 and EPCAM genes)	CGC Genetics USA
2FTFG	Hereditary nonpolyposis colorectal cancer (HNPCC, NGS panel for 5 genes, including CNV analysis)	CGC Genetics USA
2FTGG	Hereditary nonpolyposis colorectal cancer (HNPCC, sequencing and CNV analysis of MLH1 and MSH2 genes)	CGC Genetics USA

GTU	Test Name	Laboratory Name
6BKUG	Hereditary nonpolyposis colorectal cancer (methylation analysis and deletion/duplication analysis of MLH1, MLH3, MSH2, MSH3, MSH6, PMS2 and MGMT by MS-MLPA)	CGC Genetics USA
2FT4G	Hereditary nonpolyposis colorectal cancer, type 5 (HNPCC, deletion/duplication analysis on MSH6 and EPCAM genes)	CGC Genetics USA
2YYWG	HNPCC concurrent	Ambry Genetics
2FTJG	HNPCC PANEL	Center for Human Genetics, Inc.
2FS8G	HNPCC/Lynch Syndrome Del/Dup	UCSD - Molecular Diagnostics & Cytogenetics Laboratory
2AWXG	Invitae Lynch Syndrome Panel	Invitae Corporation
2FSEG	Lynch Syndrome - Hereditary (Germline) Testing	Integrated Oncology
2FRWG	Lynch Syndrome / Hereditary Non-Polyposis Colorectal Cancer (HNPCC)	Sema4
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
2FRZG	Lynch Syndrome Panel	Quest Diagnostics
5JURG	Lynch Syndrome Panel	The University of Chicago Genetic Services
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
2FSKG	MLH1 / MSH2 / MSH6 / PMS2 Comprehensive Analysis	Integrated Oncology
2FSLG	MLH1 / MSH2 / MSH6 Comprehensive Analysis	Integrated Oncology
2FSNG	MLH1 / MSH2 Comprehensive Analysis	Integrated Oncology
2FSXG	MLH1, MSH2, and MSH6 Sequencing and Deletion/Duplication Panel	Knight Molecular Diagnostic
2YYNG	MSH2 seq & del/dup & EPCAM del/dup	Ambry Genetics
2FT5G	Muir-Torre syndrome (sequencing and CNV analysis of MLH1 and MSH2 genes)	CGC Genetics USA

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GTU	Test Name	Laboratory Name
7CBQG	Sema4 Signal Hereditary Cancer Lynch Syndrome Panel	Sema4
87B9G	VistaSeq® Lynch Syndrome Panel	LabCorp

### Pan-Cancer Hereditary Cancer Panel Tests

GTU	Test Name	Laboratory Name
7BPWG	Activated PI3K Delta Syndrome	University of North Carolina Hospitals - Molecular Genetics
76DVG	Cancer Panel	PreventionGenetics
76CTG	CancerNext	Mayo Clinic Laboratories
6RR2G	CancerNext	Sema4
76DGG	CancerNext®	Ambry Genetics
6RR3G	CancerNext-Expanded	Sema4
76E2G	CancerNext-Expanded®	Ambry Genetics
6UR7G	CancerNext-Expanded® with RNAinsight™	Ambry Genetics
6UR6G	CancerNext® 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
7C5RG	Color Standard	Color Genomics
76CGG	Common Cancer Management Panel	BioReference Laboratories
76E5G	Common Cancer Management Panel	GeneDx
7CECG	Common Hereditary Cancer Panel	Baylor Miraca Genetics Laboratories
76BTG	COMP CANCER PANEL	ACL Laboratories
76CKG	Comprehensive Cancer Panel	PerkinElmer Genomics
76DQG	Comprehensive Common Cancer Panel	BioReference Laboratories
76C3G	Comprehensive Common Cancer Panel	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

GTU	Test Name	Laboratory Name
76BAG	Comprehensive Hereditary Cancer Panel	Baylor Miraca Genetics Laboratories
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 <sup>®</sup>	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
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
76DRG	Hereditary Cancer	Color Genomics
76CCG	Hereditary Cancer High Risk Panel	Blueprint Genetics
5BZEG	Hereditary Cancer Mosaic Variant Test	BioReference Laboratories
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

GTU	Test Name	Laboratory Name
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
7C54G	OncoGene Dx Custom Panel	BioReference Laboratories
76CWG	OncoGeneDx Custom Panel	GeneDx
76CEG	OncoRisk (NGS panel for 48 genes, including CNV analysis)	CGC Genetics USA
83ZXG	OncoRisk Expanded (NGS panel for 96 genes, including CNVs analysis)	CGC Genetics USA
78FJG	Pan-cancer DNA Analysis	Children's Hospital Colorado Precision Diagnostics Laboratory
33A8G	PREDICT™	Lab Solutions, LLC
2TQXG	PrevenTest	Advanced Molecular Diagnostics, LLC
4LY7G	Rest of Cancer Panel (after KPSC Hereditary Cancer)	BioReference Laboratories
6WD4G	Rest of common cancer panel after Lynch Syndrome Panel B985	BioReference Laboratories
77Y6G	Rest of Comprehensive Cancer Panel (after Breast Cancer Surgical Panel)	BioReference Laboratories
74G2G	Rest of Comprehensive Common Cancer Panel	GeneDx
7CBMG	Sema4 Signal Hereditary Cancer Comprehensive Panel	Sema4
7CBPG	Sema4 Signal Hereditary Cancer High Prevalence Panel	Sema4
7CBWG	Sema4 Signal Hereditary Cancer Universal Panel	Sema4
7B7FG	STAT Comprehensive Cancer Panel	PerkinElmer Genomics
86S2G	Tempus  xG Common Hereditary Cancers 52 genes	Tempus Clinical Laboratory



GTU	Test Name	Laboratory Name
86S3G	Tempus  xG Extended Hereditary Cancers 88 genes	Tempus Clinical Laboratory
76D8G	VistaSeq Hereditary Cancer Panel	Integrated Genetics
76BRG	VistaSeq Hereditary Cancer Panel	Integrated Oncology
76BXG	VistaSeq® Hereditary Cancer Panel	LabCorp
2WUEG	Xpanded HereditaryCancer - Singleton	GeneDx
5KRHG	Xpanded HereditaryCancer – Trio	GeneDx
76C2G	Xpanded HereditaryCancer following GeneDx Hereditary Cancer Panel - Singleton	GeneDx
76D9G	Xpanded HereditaryCancer following GeneDx Hereditary Cancer Panel - Trio	GeneDx

### Prostate Cancer Prognostic Algorithmic Tests

GTU	Test Name	Laboratory Name
4SVPG	Oncotype DX Prostate Cancer Assay	University of Minnesota Physicians Outreach Laboratory
7BNKG	Oncotype DX® Genomic Prostate Score Assay	Exact Sciences Laboratories, LLC
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
6LJEG	Cytology + Reflex to ThyGeNEXT® only	Interpace Diagnostics
6LJCG	Cytology + Reflex to ThyGeNEXT® w/Reflex to ThyraMIR®	Interpace Diagnostics
6UW7G	ThyGeNEXT® only	Interpace Diagnostics
6LJDG	ThyGeNEXT® w/ Reflex to ThyraMIR®	Interpace Diagnostics
6UUFG	ThyroSeq	CBLPath
6UTYG	ThyroSeq® - 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
2533G	TPMT and NUDT15	ARUP Laboratories
7BEJG	TPMT AND NUDT15	Clinical Pathology Laboratories
34EWG	TPMT and NUDT15	University of California Davis Health System - UCDCMC - Molecular and Cytogenetic Laboratory
79YEG	TPMT and NUDT15 Genotype	ProPath
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
4JVSG	PGX TPMT Genotyping	Indiana University Molecular Genetics Diagnostic Laboratory - Indiana University Medical Center, School of Medicine
737KG	PROMETHEUS® TPMT Genetics	Prometheus Laboratories
4B2LG	Thiopurine Methyltransferase (TPMT) Genotyping	Esoterix, Inc.
2E2AG	Thiopurine S-Methyltransferase (TPMT) Genotype	Quest Diagnostics
37SGG	Thiopurine S-MethylTransferase Genotype	BioReference Laboratories
33YVG	TPMT Gene Pharmacogenetics Analysis	Cincinnati Children's Hospital Medical Center - Molecular Genetics and Cytogenetics Laboratories
5BN7G	TPMT Genetics	Nationwide Children's Hospital - Cytogenetics and Molecular Genetics Laboratory
2CU2G	TPMT GENOTYPE	Empire City Laboratories, Inc.
4CC6G	TPMT Genotype	Nebraska Medical Center - Molecular Diagnostic Laboratory

GTU	Test Name	Laboratory Name
2D87G	TPMT Genotype Assay	Cleveland Clinic Laboratories
3ZQ4G	TPMT Genotyping	Sanford USD Medical Center - Sanford Clinic USD Genetics Laboratory
6CG3G	TPMT Prenatal Targeted Sequencing Analysis	PreventionGenetics
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
34X2G	CancerPlex	KEW Group
2FRQG	CHOP Comprehensive Solid Tumors Panel (Solid + Fusion)	Children's Hospital of Philadelphia - Division of Genomic Diagnostics
2FRPG	CHOP Solid Tumor Panel	Children's Hospital of Philadelphia - Division of Genomic Diagnostics
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
72Y9G	Endeavor Comprehensive Solid Tumor Profile	PathGroup
6UVBG	FoundationOne	University of Minnesota Physicians Outreach Laboratory
6R4AG	FoundationOne CDx™	Foundation Medicine
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
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
2JJWG	OncoComplete	City of Hope National Medical Center - Molecular Diagnostic Laboratory
2YA6G	OncoGxOne	Admera Health
7BNDG	Oncomap ExTra	Exact Sciences Laboratories, LLC

GTU	Test Name	Laboratory Name
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
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
27P4G	Pan-Solid Tumor NGS Panel	Cleveland Clinic Laboratories
6V93G	PCMP - Personalized Cancer Mutation Panel	University of Pittsburgh Medical Center - Division of Molecular Diagnostics
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
6QZNG	Solid Tumor Fusion Analysis	Nationwide Children's Hospital - Cytogenetics and Molecular Genetics 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
6UWNG	Solid tumor panel - Somatic Mutation Analysis	Centogene
6RR7G	Solid Tumor Panel – now including microsatellite instability (MSI) analysis	Sema4
2LEVG	Solid Tumor Targeted Cancer Gene Panel by Next-Generation Sequencing, NGS	Medical College of Wisconsin - Human and Molecular Genetics Center

GTU	Test Name	Laboratory Name
2CPUG	StrataNGS	Strata Oncology
86SCG	Tempus xT: Targeted panel of 648 genes (Hematologic Malignancy)	Tempus Clinical 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
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
2D3BG	50 Gene Cancer Panel	Nebraska Medical Center - Molecular Diagnostic Laboratory
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
2B44G	Next Generation Sequencing Fusion Profile Assay	University of Minnesota Physicians Outreach 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
2ESTG	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

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GTU	Test Name	Laboratory Name
7DK3G	Solid Tumor Mutation Panel, Sequencing	ARUP Laboratories
7C3KG	Solid tumor targeted NGS panel	Allina Health Laboratory
6R3CG	Solid Tumor-Targeted Cancer Gene Panel, Next-Generation Sequencing, Varies	Mayo Clinic Laboratories

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

GTU	Test Name	Laboratory Name
292AG	MI Cancer Seek™ - NGS Analysis	Caris Life Sciences
72MWG	MI Profile	Caris Life Sciences
6WUTG	MI Tumor Seek	Caris Life Sciences
87BHG	OmniSeq INSIGHTSM	LabCorp

### Uveal Melanoma Prognostic Algorithmic Tests

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