Genetic Testing Collateral Document

Effective Collateral Document Date: **2/15/2023**

Test Name	Lab	Test and/or Code Description	Indication	Medical Necessity Criteria	Published Cigna Policy
+RNAinsight™ for BreastNext®, Ambry Genetics	Ambry Genetics	Hereditary breast cancer–related disorders (eg, hereditary breast cancer, hereditary ovarian cancer, hereditary endometrial cancer), targeted mRNA sequence analysis panel (13 genes) (List separately in addition to code for primary procedure)	Any	Experimental, Investigational or Unproven	0518 Genetic Testing for Hereditary Cancer Susceptibility Syndromes
+RNAinsight™ for CancerNext®, Ambry Genetics	Ambry Genetics	Hereditary pan cancer (eg, hereditary breast and ovarian cancer, hereditary endometrial cancer, hereditary colorectal cancer), targeted mRNA sequence analysis panel (18 genes) (List separately in addition to code for primary procedure)	Any	Experimental, Investigational or Unproven	0518 Genetic Testing for Hereditary Cancer Susceptibility Syndromes
+RNAinsight™ for ColoNext®, Ambry Genetics	Ambry Genetics	Hereditary colon cancer disorders (eg, Lynch syndrome, PTEN hamartoma syndrome, Cowden syndrome, familial adenomatosis polyposis), targeted mRNA sequence analysis panel (APC, CDH1, CHEK2, MLH1, MSH2, MSH6, MUTYH, PMS2, PTEN, and TP53) (List separately in addition to code for primary procedure)	Any	Experimental, Investigational or Unproven	0518 Genetic Testing for Hereditary Cancer Susceptibility Syndromes
+RNAinsight™ for GYNPlus®, Ambry Genetics	Ambry Genetics	Hereditary gynecological cancer (eg, hereditary breast and ovarian cancer, hereditary endometrial cancer, hereditary colorectal cancer), targeted mRNA sequence analysis panel (12 genes) (List separately in addition to code for primary procedure)	Any	Experimental, Investigational or Unproven	0518 Genetic Testing for Hereditary Cancer Susceptibility Syndromes
+RNAinsight™ for OvaNext®, Ambry Genetics	Ambry Genetics	Hereditary ovarian cancer–related disorders (eg, hereditary breast cancer, hereditary ovarian cancer, hereditary endometrial cancer), targeted mRNA sequence analysis panel (17 genes) (List separately in addition to code for primary procedure)	Any	Experimental, Investigational or Unproven	0518 Genetic Testing for Hereditary Cancer Susceptibility Syndromes
+RNAinsight™ for ProstateNext®, Ambry Genetics	Ambry Genetics	Hereditary prostate cancer–related disorders, targeted mRNA sequence analysis panel (11 genes) (List separately in addition to code for primary procedure)	Any	Experimental, Investigational or Unproven	0518 Genetic Testing for Hereditary Cancer Susceptibility Syndromes
5-Fluorouracil Toxicity and Chemotherapeutic Response Panel	ARUP Laboratories	5-Fluorouracil Toxicity and Chemotherapeutic Response Panel	Any	Not Medically Necessary	0500 Pharmacogenetic Testing
Abbott RealTime mS9 Colorectal Cancer Assay	Abbott Molecular	Abbott RealTime mS9 Colorectal Cancer Assay	Any	Not Medically Necessary	0518 Genetic Testing for Hereditary Cancer Susceptibility Syndromes

Abbreviated Comprehensive Phenotype Panel	X-Gene Diagnostics	Abbreviated Comprehensive Phenotype Panel	Any	Not Medically Necessary	0500 Pharmacogenetic Testing
Actionable Cardio NGS Panel	Fulgent Diagnostics	Actionable Cardio NGS Panel	Any	Not Medically Necessary	0517 Genetic Testing for Hereditary Cardiomyopathies and Arrhythmias
ADmark Early Onset Alzheimer's Evaluation	Athena Diagnostics, Inc.	ADmark Early Onset Alzheimer's Evaluation	Any	Not Medically Necessary	0052 Genetic Testing for Hereditary and Multifactorial Conditions
Advanced Pain Care Pharmacogenetic Panel	Advanced Pain Care Laboratory	Advanced Pain Care Pharmacogenetic Panel	Any	Not Medically Necessary	0500 Pharmacogenetic Testing
Aeon Pain Management PGX Profile	Aeon Clinical Laboratories	Aeon Pain Management PGX Profile	Any	Not Medically Necessary	0500 Pharmacogenetic Testing
Afirma Medullary Thyroid Carcinoma (MTC) Classifier	Veracyte, Inc	Oncology (medullary thyroid carcinoma), mRNA, gene expression analysis of 108 genes, utilizing fine needle aspirate, algorithm reported as positive or negative for medullary thyroid carcinoma	Any	Experimental, Investigational or Unproven	0520 Molecular Diagnostic Testing for Hematology/Oncology Indications
Afirma Xpression Atlas	Veracyte, Inc	Oncology (thyroid), mRNA, gene expression analysis of 593 genes (including BRAF, RAS, RET, PAX8, and NTRK) for sequence variants and rearrangements, utilizing fine needle aspirate, reported as detected or not detected	Any	Experimental, Investigational or Unproven	0520 Molecular Diagnostic Testing for Hematology/Oncology Indications
AlloSure	CareDx				0465 Laboratory Testing for Transplantation Rejection
Altera	Natera				0520 Molecular Diagnostic Testing for Hematology/Oncology Indications
AmpliChip™ Cytochrome P450 (CYP450) Genotyping Test	F. Hoffmann-La Roche Ltd	AmpliChip™ Cytochrome P450 (CYP450) Genotyping Test	Any	Not Medically Necessary	0500 Pharmacogenetic Testing
Amyotrophic Lateral Sclerosis (ALS) NGS Panel with deletion/duplication analysis	Fulgent Diagnostics	Amyotrophic Lateral Sclerosis (ALS) NGS Panel with deletion/duplication analysis	Any	Not Medically Necessary	0052 Genetic Testing for Hereditary and Multifactorial Conditions
Amyotrophic Lateral Sclerosis Advanced Evaluation	Athena Diagnostics, Inc.	Amyotrophic Lateral Sclerosis Advanced Evaluation	Any	Not Medically Necessary	0052 Genetic Testing for Hereditary and Multifactorial Conditions
Amyotrophic Lateral Sclerosis and Frontotemporal Dementia Sequencing Panel with CNV Detection (25 gene panel)	Prevention Genetics, LLC	Amyotrophic Lateral Sclerosis and Frontotemporal Dementia Sequencing Panel with CNV Detection (25 gene panel)	Any	Not Medically Necessary	0052 Genetic Testing for Hereditary and Multifactorial Conditions
Antidepressants and Antipsychotics Pharmacogenetics Panel	CGC Genetics	Antidepressants and Antipsychotics Pharmacogenetics Panel	Any	Not Medically Necessary	0500 Pharmacogenetic Testing
Anxiety, Insomnia and Severe Agitation Panel	Medical Diagnostics Laboratories	Anxiety, Insomnia and Severe Agitation Panel	Any	Not Medically Necessary	0500 Pharmacogenetic Testing
APOE	Multiple	DNA analysis for APOE epsilon 4 allele for susceptibility to Alzheimer's disease	Any	Not Medically Necessary	0052 Genetic Testing for Hereditary and Multifactorial Conditions ; 0514 Genetic Testing for Reproductive Carrier Screening and Prenatal Diagnosis

Apolipooprotein L1 (APOL1) Renal Risk Variant Genotyping	Quest	APOL1 (apoilipoprotein L1 (eg chronic kidney disease), risk variants (G1, G2)	Any	Not Medically Necessary	0052 Genetic Testing for Hereditary and Multifactorial Conditions
Arrhythmia and Cardiomyopathy Comprehensive Panel	Invitae	Arrhythmia and Cardiomyopathy Comprehensive Panel	Any	Not Medically Necessary	0517 Genetic Testing for Hereditary Cardiomyopathies and Arrhythmias
Arrhythmia Deletion/Duplication Panel	Fulgent Diagnostics	Arrhythmia Deletion/Duplication Panel	Any	Not Medically Necessary	0517 Genetic Testing for Hereditary Cardiomyopathies and Arrhythmias
Arrhythmia NGS Sequencing Panel	Fulgent Diagnostics	Arrhythmia NGS Sequencing Panel	Any	Not Medically Necessary	0517 Genetic Testing for Hereditary Cardiomyopathies and Arrhythmias
Arrhythmia Panel	GeneDx	Arrhythmia Panel	Any	Not Medically Necessary	0517 Genetic Testing for Hereditary Cardiomyopathies and Arrhythmias
Arrhythmogenic Cardiomyopathy Panel	Invitae	Arrhythmogenic Cardiomyopathy Panel	Any	Not Medically Necessary	0517 Genetic Testing for Hereditary Cardiomyopathies and Arrhythmias
Ashkenazi Jewish 18	Bio-Reference Laboratories, Inc	Ashkenazi Jewish 18	Any	Not Medically Necessary	0514 Genetic Testing for Reproductive Carrier Screening and Prenatal Diagnosis
Ashkenazi Jewish 25	Bio-Reference Laboratories, Inc	Ashkenazi Jewish 25	Any	Not Medically Necessary	0514 Genetic Testing for Reproductive Carrier Screening and Prenatal Diagnosis
Ashkenazi Jewish 50 Panel	Bio-Reference Laboratories, Inc	Ashkenazi Jewish 50 Panel	Any	Not Medically Necessary	0514 Genetic Testing for Reproductive Carrier Screening and Prenatal Diagnosis
Ashkenazi Jewish Carrier Screen	Mount Sinai Genomics/SEMA4	Ashkenazi Jewish Carrier Screen	Any	Not Medically Necessary	0514 Genetic Testing for Reproductive Carrier Screening and Prenatal Diagnosis
Ashkenazi Jewish Carrier Screening	Insight Medical Genetics	Ashkenazi Jewish Carrier Screening	Any	Not Medically Necessary	0514 Genetic Testing for Reproductive Carrier Screening and Prenatal Diagnosis
Ashkenazi Jewish Expanded Profile	Bio-Reference Laboratories, Inc	Ashkenazi Jewish Expanded Profile	Any	Not Medically Necessary	0514 Genetic Testing for Reproductive Carrier Screening and Prenatal Diagnosis
Ataxia Xpanded Panel	GeneDx	Ataxia Xpanded Panel	Any	Not Medically Necessary	0052 Genetic Testing for Hereditary and Multifactorial Conditions
Ataxia, Comprehensive Evaluation	Athena Diagnostics	Ataxia Comprehensive Evaluation	Any	Not Medically Necessary	0052 Genetic Testing for Hereditary and Multifactorial Conditions
Ataxia/Episodic Ataxia Disorders NextGen DNA Sequencing Panel	Medical Neurogenetics	Ataxia/Episodic Ataxia Disorders NextGen DNA Sequencing Panel	Any	Not Medically Necessary	0052 Genetic Testing for Hereditary and Multifactorial Conditions

Ataxia/Episodic Ataxia Disorders Panel	MNG Laboratories/CHOP Clinical Associates	Ataxia/Episodic Ataxia Disorders Panel	Any	Not Medically Necessary	0052 Genetic Testing for Hereditary and Multifactorial Conditions
AtheroGxOne Test	Admera Health	AtheroGxOne Test	Any	Not Medically Necessary	0052 Genetic Testing for Hereditary and Multifactorial Conditions
Atlas Expanded Carrier Screen	Atlas Genomics	Atlas Expanded Carrier Screen	Any	Not Medically Necessary	0514 Genetic Testing for Reproductive Carrier Screening and Prenatal Diagnosis
Atrial Fibrillation Deletion/Duplication Panel	Fulgent Diagnostics	Atrial Fibrillation Deletion/Duplication Panel	Any	Experimental, Investigational or Unproven	0517 Genetic Testing for Hereditary Cardiomyopathies and Arrhythmias
Atrial Fibrillation NGS Sequencing Panel	Fulgent Diagnostics	Atrial Fibrillation NGS Sequencing Panel	Any	Experimental, Investigational or Unproven	0517 Genetic Testing for Hereditary Cardiomyopathies and Arrhythmias
Augusta Optical Genome Mapping	Georgia Esoteric and Molecular (GEM)Laboratory, LLC, Bionano Genomics Inc	Rare diseases (constitutional/heritable disorders), identification of copy number variations, inversions, insertions,translocations, and other structural variants by optical genome mapping	Any	Experimental, Investigational or Unproven	0519 Whole Exome and Whole Genome Sequencing
BabyGenes™ Newborn Panel	Baby Genes	BabyGenes™ Newborn Panel	Any	Not Medically Necessary	0052 Genetic Testing for Hereditary and Multifactorial Conditions
Bartter Syndrome NGS Panel	Fulgent	Bartter Syndrome NGS Panel	Any	Not Medically Necessary	0052 Genetic Testing for Hereditary and Multifactorial Conditions
Beacon Expanded Female Carrier Screening Plus Panel	Fulgent	Beacon Expanded Female Carrier Screening Plus Panel	Any	Not Medically Necessary	0514 Genetic Testing for Reproductive Carrier Screening and Prenatal Diagnosis
Beacon Expanded Male Carrier Screening Panel	Fulgent	Beacon Expanded Male Carrier Screening Panel	Any	Not Medically Necessary	0514 Genetic Testing for Reproductive Carrier Screening and Prenatal Diagnosis
Beacon Focus Female Carrier Screening Panel	Fulgent	Beacon Focus Female Carrier Screening Panel	Any	Not Medically Necessary	0514 Genetic Testing for Reproductive Carrier Screening and Prenatal Diagnosis
Beacon Focus Male Carrier Screening Panel	Fulgent	Beacon Focus Male Carrier Screening Panel	Any	Not Medically Necessary	0514 Genetic Testing for Reproductive Carrier Screening and Prenatal Diagnosis
BioSpeciFX	Helomics (formerly Precision Therapeutics)	BioSpeciFX	Any	Not Medically Necessary	0520 Molecular Diagnostic Testing for Hematology/Oncology Indications
BLOODchip® ID CORE XT™	Grifols Diagnostic Solutions Inc	Red blood cell antigen typing, DNA, genotyping of 10 blood groups with phenotype prediction of 37 red blood cell antigens	Any	Not Medically Necessary	0052 Genetic Testing for Hereditary and Multifactorial Conditions
Blueprint Cardiomyopathy Panel	Blueprint Genetics	Blueprint Cardiomyopathy Panel	Any	Not Medically Necessary	0517 Genetic Testing for Hereditary

					Cardiomyopathies and Arrhythmias
Bone Marrow Failure Syndromes Panel by NGS (59 genes)	Cincinnati Children's Hospital	Bone Marrow Failure Syndromes Panel by NGS (59 genes)	Any	Not Medically Necessary	0052 Genetic Testing for Hereditary and Multifactorial Conditions
Bone Marrow Failure Syndromes Panel by NGS (59 genes)	Cincinnati Children's Hospital	Bone Marrow Failure Syndromes Panel by NGS (59 genes)	Any	Not Medically Necessary	0052 Genetic Testing for Hereditary and Multifactorial Conditions
BostonGene Tumor Portrait	BostonGene		Any	Not Medically Necessary	0520 Molecular Diagnostic Testing for Hematology/Oncology Indications
BrainTumorNext	Ambry	BrainTumorNext	Any	Not Medically Necessary	0520 Molecular Diagnostic Testing for Hematology/Oncology Indications
BRCA Full Risk Panel	GeneID	BRCA Full Risk Panel	Any	Not Medically Necessary	0518 Genetic Testing for Hereditary Cancer Susceptibility Syndromes
Breast Cancer Gene Expression Ratio	bioTheranostics	Breast Cancer Gene Expression Ratio	Any	Not Medically Necessary	0520 Molecular Diagnostic Testing for Hematology/Oncology Indications
Breast/GYN Cancer Panel	GeneDx	Breast/GYN Cancer Panel	Any	Not Medically Necessary	0518 Genetic Testing for Hereditary Cancer Susceptibility Syndromes
Breast/Ovarian Cancer Panel	GeneDx	Breast/Ovarian Cancer Panel	Any	Not Medically Necessary	0518 Genetic Testing for Hereditary Cancer Susceptibility Syndromes
BreastOncPX™	US Labs	BreastOncPX™	Any	Experimental, Investigational or Unproven	0520 Molecular Diagnostic Testing for Hematology/Oncology Indications
BREVAGen™	Phenogen Sciences	BREVAGen™	Any	Not Medically Necessary	0518 Genetic Testing for Hereditary Cancer Susceptibility Syndromes
BROCA	University of Washington	BROCA	Any	Not Medically Necessary	0518 Genetic Testing for Hereditary Cancer Susceptibility Syndromes
C7orf72 DNA test (AKA Motor Neuron Disorder Panel)	Athena Diagnostics	C7orf72 DNA test (AKA Motor Neuron Disorder Panel)	Any	Not Medically Necessary	0052 Genetic Testing for Hereditary and Multifactorial Conditions
C9ORF72 Repeat Analysis	GeneDx	C9ORF72 Repeat Analysis	Any	Not Medically Necessary	0052 Genetic Testing for Hereditary and Multifactorial Conditions
Cancer Antigen (CA) 50	Multiple	Cancer Antigen (CA) 50	Any	Experimental, Investigational or Unproven	0520 Molecular Diagnostic Testing for Hematology/Oncology Indications
Cancer Antigen (CA) 72-4	Multiple	Cancer Antigen (CA) 72-4	Any	Experimental, Investigational or Unproven	0520 Molecular Diagnostic Testing for

					Hematology/Oncology Indications
Cancer Comprehensive Discover	SureTox	Cancer Comprehensive Discover	Any	Not Medically Necessary	0518 Genetic Testing for Hereditary Cancer Susceptibility Syndromes
Cancer Whole Exome Sequencing	Columbia University Medical Center Laboratory for Personalized Genomic Medicine	Cancer Whole Exome Sequencing	Any	Experimental, Investigational or Unproven	0520 Molecular Diagnostic Testing for Hematology/Oncology Indications
Cancer Whole Exome Sequencing (with Transcriptome)	Columbia University Medical Center Laboratory for Personalized Genomic Medicine	Cancer Whole Exome Sequencing (with Transcriptome)	Any	Experimental, Investigational or Unproven	0520 Molecular Diagnostic Testing for Hematology/Oncology Indications
CancerNext Expanded Panel	Ambry Genetics	CancerNext Expanded Panel	Any	Not Medically Necessary	0518 Genetic Testing for Hereditary Cancer Susceptibility Syndromes
CancerTYPE ID	bioTheranostics	Oncology (tumor of unknown origin), mRNA, gene expression profiling by real-time RT-PCR of 92 genes (87 content and 5 housekeeping) to classify tumor into main cancer type and subtype, utilizing formalin-fixed paraffin-embedded tissue, algorithm reported as a probability of a predicted main cancer type and subtype	Any	Experimental, Investigational or Unproven	0520 Molecular Diagnostic Testing for Hematology/Oncology Indications
Carbohydrate Metabolism Deficiency NextGen DNA Screening Panel	MNG Laboratories	Carbohydrate Metabolism Deficiency NextGen DNA Screening Panel	Any	Not Medically Necessary	0052 Genetic Testing for Hereditary and Multifactorial Conditions
Cardiac DNA Insight	Pathway Genomics	Cardiac DNA Insight	Any	Not Medically Necessary	0052 Genetic Testing for Hereditary and Multifactorial Conditions
Cardiac Healthy Weight DNA Insight	Pathway Genomics	Cardiac Healthy Weight DNA Insight	Any	Not Medically Necessary	0052 Genetic Testing for Hereditary and Multifactorial Conditions
Cardiac Medication Metabolism and Risk Factors Test	MD Tox Laboratories	Cardiac Medication Metabolism and Risk Factors Test	Any	Not Medically Necessary	0500 Pharmacogenetic Testing
Cardio IQ™ 9p21 Genotype Test	Quest Diagnostics™	Cardio IQ™ 9p21 Genotype Test	Any	Not Medically Necessary	0052 Genetic Testing for Hereditary and Multifactorial Conditions
Cardio IQ™ KIF6 Genotype	Quest Diagnostics™	Cardio IQ™ KIF6 Genotype	Any	Not Medically Necessary	0052 Genetic Testing for Hereditary and Multifactorial Conditions
CardioGXOne	Admera	CardioGXOne	Any	Not Medically Necessary	0517 Genetic Testing for Hereditary Cardiomyopathies and Arrhythmias
CardiolDgenetix	AltheaDx	CardiolDgenetix	Any	Not Medically Necessary	0500 Pharmacogenetic Testing
CardioloGene Panel	AlBio Tech	CardioloGene Panel	Any	Not Medically Necessary	0500 Pharmacogenetic Testing

Cardiology & Thrombophilia Pharmacogenetic Report	Alpha Genomix Laboratories	Cardiology & Thrombophilia Pharmacogenetic Report	Any	Not Medically Necessary	0500 Pharmacogenetic Testing
Cardiomyopathy and Arrhythmia Deletion/Duplication (83 Genes)	ARUP Laboratories	Cardiomyopathy and Arrhythmia Deletion/Duplication (83 Genes)	Any	Not Medically Necessary	0517 Genetic Testing for Hereditary Cardiomyopathies and Arrhythmias
Cardiomyopathy and Arrhythmia Panel, Sequencing (85 Genes)	ARUP Laboratories	Cardiomyopathy and Arrhythmia Panel, Sequencing (85 Genes)	Any	Not Medically Necessary	0517 Genetic Testing for Hereditary Cardiomyopathies and Arrhythmias
Cardiomyopathy and Arrhythmia Panel, Sequencing (85 Genes) and Deletion/Duplication (83 Genes)	ARUP Laboratories	Cardiomyopathy and Arrhythmia Panel, Sequencing (85 Genes) and Deletion/Duplication (83 Genes)	Any	Not Medically Necessary	0517 Genetic Testing for Hereditary Cardiomyopathies and Arrhythmias
Cardiomyopathy Comprehensive Panel	Invitae	Cardiomyopathy Comprehensive Panel	Any	Not Medically Necessary	0517 Genetic Testing for Hereditary Cardiomyopathies and Arrhythmias
Cardiomyopathy NGS Panel	Allele Diagnostics	Cardiomyopathy NGS Panel	Any	Not Medically Necessary	0517 Genetic Testing for Hereditary Cardiomyopathies and Arrhythmias
Cardiomyopathy Panel	GeneDx	Cardiomyopathy Panel	Any	Not Medically Necessary	0517 Genetic Testing for Hereditary Cardiomyopathies and Arrhythmias
CardioNext	Ambry Genetics	CardioNext	Any	Not Medically Necessary	0517 Genetic Testing for Hereditary Cardiomyopathies and Arrhythmias
CardioPredict Pharmacogenomic Optimization Panel	Transgenomic	CardioPredict Pharmacogenomic Optimization Panel	Any	Not Medically Necessary	0500 Pharmacogenetic Testing
Cardiovascular Health Panel	X-Gene Diagnostics	Cardiovascular Health Panel	Any	Not Medically Necessary	0500 Pharmacogenetic Testing
Cardiovascular Panel	Genoscientific	Cardiovascular Panel	Any	Not Medically Necessary	0500 Pharmacogenetic Testing
Caris Molecular Intelligence (MI) Profile Plus NGS Sequencing	Caris Life Sciences™	Caris Molecular Intelligence (MI) Profile Plus NGS Sequencing	Any	Not Medically Necessary	0520 Molecular Diagnostic Testing for Hematology/Oncology Indications
Carrier Screen Mutation Information (Inheritest)	Shiel Medical Laboratory	Carrier Screen Mutation Information (Inheritest)	Any	Not Medically Necessary	0514 Genetic Testing for Reproductive Carrier Screening and Prenatal Diagnosis
Carrier Status DNA Insight Panel	Luminus Diagnostics	Carrier Status DNA Insight Panel	Any	Not Medically Necessary	0514 Genetic Testing for Reproductive Carrier Screening and Prenatal Diagnosis
CarrierMap	Cooper Genomics	CarrierMap	Any	Not Medically Necessary	0514 Genetic Testing for Reproductive Carrier Screening and Prenatal Diagnosis
CarrierMap Screening (AKA CarrierMap Test)	Recombine	CarrierMap Screening (AKA CarrierMap Test)	Any	Not Medically Necessary	0514 Genetic Testing for Reproductive Carrier Screening and Prenatal Diagnosis
Catechol-O-Methyltransferase (COMT) Genotype, Mayo Clinic	Mayo Clinic	COMT (catechol-O-methyltransferase)(drug metabolism) gene analysis, c.472G>A (rs4680) variant	Any	Not Medically Necessary	0500 Pharmacogenetic Testing

Cathepsin D (Ab-1 monoclonal antibody)	Multiple	Cathepsin D (Ab-1 monoclonal antibody)	Any	Experimental, Investigational or Unproven	0520 Molecular Diagnostic Testing for Hematology/Oncology Indications
Center for Jewish Genetics (CJG) Expanded Carrier Screening	Insight Medical Genetics , LLC	Center for Jewish Genetics (CJG) Expanded Carrier Screening	Any	Not Medically Necessary	0514 Genetic Testing for Reproductive Carrier Screening and Prenatal Diagnosis
CerviGENE Gene Expression Analysis	OvaGene Oncology	CerviGENE Gene Expression Analysis	Any	Experimental, Investigational or Unproven	0520 Molecular Diagnostic Testing for Hematology/Oncology Indications
Charcot-Marie-Tooth (CMT) Comprehensive Panel	Invitae	Charcot-Marie-Tooth (CMT) Comprehensive Panel	Any	Not Medically Necessary	0052 Genetic Testing for Hereditary and Multifactorial Conditions
Chemotox	Alpha Genomix Laboratories	Chemotox	Any	Not Medically Necessary	0500 Pharmacogenetic Testing
Childhood-Onset Epilepsy Panel	Arup Laboratories	Childhood-Onset Epilepsy Panel	Any	Not Medically Necessary	0052 Genetic Testing for Hereditary and Multifactorial Conditions
Childhood-Onset Epilepsy Panel	GeneDx	Childhood-Onset Epilepsy Panel	Any	Not Medically Necessary	0052 Genetic Testing for Hereditary and Multifactorial Conditions
Ciliopathies: Sequencing Panel	EGL Genetics	Ciliopathies: Sequencing Panel	Any	Not Medically Necessary	0052 Genetic Testing for Hereditary and Multifactorial Conditions
Ciliopathy NextGen Sequencing (NGS) Panel	Prevention Genetics	Ciliopathy NextGen Sequencing (NGS) Panel	Any	Not Medically Necessary	0052 Genetic Testing for Hereditary and Multifactorial Conditions
Clarava	Verici Dx	Nephrology (renal transplant), RNA expression by select transcriptome sequencing, using pretransplant peripheral blood, algorithm reported as a risk score for early acute rejection			0465 Laboratory Testing for Transplantation Rejection
Clarifi	Quadrant Biosciences, Inc	Neurology (autism spectrum disorder [ASD]), RNA, next-generation sequencing, saliva, algorithmic analysis, and results reported as predictive probability of ASD diagnosis	Any	Not Medically Necessary	0052 Genetic Testing for Hereditary and Multifactorial Conditions
ClearID Breast Cancer Comprehensive Molecular Report	Cynvenio Biosciences, Inc.	ClearID Breast Cancer Comprehensive Molecular Report	Any	Not Medically Necessary	0520 Molecular Diagnostic Testing for Hematology/Oncology Indications
ClearID Lung Cancer Panel	Cynvenio Biosciences, Inc.	ClearID Lung Cancer Panel	Any	Not Medically Necessary	0520 Molecular Diagnostic Testing for Hematology/Oncology Indications
ClearID Solid Tumor Test	Cynvenio Biosciences, Inc.	ClearID Solid Tumor Test	Any	Not Medically Necessary	0520 Molecular Diagnostic Testing for Hematology/Oncology Indications
CLL Assay (ATM, BIRC 3 (exons 6-9), BTK (Exons 8,15,16), NOTCH1 (Exons 26,27,34), PLCG2 (Exon 19), SF3B1 (exons 14-18),TP53)	MD Anderson	CLL Assay (ATM, BIRC 3 (exons 6-9), BTK (Exons 8,15,16), NOTCH1 (Exons 26,27,34), PLCG2 (Exon 19), SF3B1 (exons 14-18),TP53)	Any	Not Medically Necessary	0520 Molecular Diagnostic Testing for Hematology/Oncology Indications

CMNext	Ambry Genetics	CMNext	Any	Not Medically Necessary	0517 Genetic Testing for Hereditary Cardiomyopathies and Arrhythmias
CNGnome	PerkinElmer Genomics	Cytogenomic constitutional (genome-wide) analysis, interrogation of genomic regions for copy number, structural changes and areas of homozygosity for chromosomal abnormalities	Any	Experimental, Investigational or Unproven	0493 Comparative Genomic Hybridization (CGH)/Chromosomal Microarray Analysis (CMA) for Selected Hereditary Conditions
CNT (CEP72, NUDT15 and TPMT) Genotyping Panel	RPRDx	CEP72 (centrosomal protein, 72-KDa), NUDT15 (nudix hydrolase 15) and TPMT (thiopurine S-methyltransferase) (eg, drug metabolism) gene analysis, common variants			0500 Pharmacogenetic Testing ; 0520 Tumor Profiling, Gene Expression Assays and Molecular Diagnostic Testing for Hematology/Oncology Indications
CNT (CEP72, TPMT and NMDT15) genotyping panel	RPRD Diagnostics Wisconsin	CNT (CEP72, NUDT15 and TPMT) Genotyping Panel	Any	Not Medically Necessary	0500 Pharmacogenetic Testing
ColonSentry®	Innovative Diagnostic Laboratory	ColonSentry®	Any	Not Medically Necessary	0520 Molecular Diagnostic Testing for Hematology/Oncology Indications
Colorectal Cancer Panel	GeneDx	Colorectal Cancer Panel	Any	Not Medically Necessary	0518 Genetic Testing for Hereditary Cancer Susceptibility Syndromes
Colorectal Cancer Panel	Invitae	Colorectal Cancer Panel	Any	Not Medically Necessary	0518 Genetic Testing for Hereditary Cancer Susceptibility Syndromes
Colovantage™ (methylated septin 9)	Quest Diagnostics™	Colovantage™ (methylated septin 9)	Any	Not Medically Necessary	0520 Molecular Diagnostic Testing for Hematology/Oncology Indications
Colvera	Clinical Genomics Pathology	BCAT1 (Branched chain amino acid transaminase 1) or IKZF1 (IKAROS family zinc finger 1) (eg, colorectal cancer) promoter methylation analysis	Any	Experimental, Investigational or Unproven	0520 Molecular Diagnostic Testing for Hematology/Oncology Indications
Combimatrix™ Breast Cancer Profile	CombiMatrix, (Invitae)	Combimatrix™ Breast Cancer Profile	Any	Not Medically Necessary	0518 Genetic Testing for Hereditary Cancer Susceptibility Syndromes
Combined Cardiac Panel	GeneDx	Combined Cardiac Panel	Any	Not Medically Necessary	0517 Genetic Testing for Hereditary Cardiomyopathies and Arrhythmias
Combined Mito Genome Plus Mito Nuclear Gene Panel	GeneDx	Combined Mito Genome Plus Mito Nuclear Gene Panel	Any	Not Medically Necessary	0052 Genetic Testing for Hereditary and Multifactorial Conditions
Common Hereditary Cancers Panel	Invitae	Common Hereditary Cancers Panel	Any	Not Medically Necessary	0518 Genetic Testing for Hereditary Cancer Susceptibility Syndromes
Complete ALS Evaluation	Athena Diagnostics	Complete ALS Evaluation	Any	Not Medically Necessary	0052 Genetic Testing for Hereditary and

					Multifactorial Conditions
Complete Parkinsonism Evaluation	Athena Diagnostics Inc.	Complete Parkinsonism Evaluation	Any	Not Medically Necessary	0052 Genetic Testing for Hereditary and Multifactorial Conditions
Complete Risk Hereditary Panel	IntelligeneDX	Complete Risk Hereditary Panel	Any	Not Medically Necessary	0518 Genetic Testing for Hereditary Cancer Susceptibility Syndromes
Comprehensive Brain Malformations Panel	GeneDx	Comprehensive Brain Malformations Panel	Any	Not Medically Necessary	0052 Genetic Testing for Hereditary and Multifactorial Conditions
Comprehensive Cancer Panel	GeneDx	Comprehensive Cancer Panel	Any	Not Medically Necessary	0518 Genetic Testing for Hereditary Cancer Susceptibility Syndromes
Comprehensive Cardiac Arrhythmia NextGen Sequencing (NGS) Panel	Prevention Genetics	Comprehensive Cardiac Arrhythmia NextGen Sequencing (NGS) Panel	Any	Not Medically Necessary	0517 Genetic Testing for Hereditary Cardiomyopathies and Arrhythmias
Comprehensive Cardiomyopathy Multi-Gene Panel	Mayo Clinic	Comprehensive Cardiomyopathy Multi-Gene Panel	Any	Not Medically Necessary	0517 Genetic Testing for Hereditary Cardiomyopathies and Arrhythmias
Comprehensive Cardiomyopathy NextGen DNA Screening Panel (130 genes)	MNG Laboratories	Comprehensive Cardiomyopathy NextGen DNA Screening Panel (130 genes)	Any	Not Medically Necessary	0517 Genetic Testing for Hereditary Cardiomyopathies and Arrhythmias
Comprehensive Cardiomyopathy Panel	Invitae	Comprehensive Cardiomyopathy Panel	Any	Not Medically Necessary	0517 Genetic Testing for Hereditary Cardiomyopathies and Arrhythmias
Comprehensive Dystonia NextGen DNA Screening Panel	MNG Laboratories	Comprehensive Dystonia NextGen DNA Screening Panel	Any	Not Medically Necessary	0052 Genetic Testing for Hereditary and Multifactorial Conditions
Comprehensive EDS Panel	Center for Precision Diagnostics, University of Washington-Seattle Children's	Comprehensive EDS Panel	Any	Not Medically Necessary	0052 Genetic Testing for Hereditary and Multifactorial Conditions
Comprehensive Epilepsy Evaluation NGS Panel	Transgenomic	Comprehensive Epilepsy Evaluation NGS Panel	Any	Not Medically Necessary	0052 Genetic Testing for Hereditary and Multifactorial Conditions
Comprehensive Epilepsy Flex Panel (Plus)	Blueprint Genetics	Comprehensive Epilepsy Flex Panel (Plus)	Any	Not Medically Necessary	0052 Genetic Testing for Hereditary and Multifactorial Conditions
Comprehensive Epilepsy Gene Panel	Invitae	Comprehensive Epilepsy Gene Panel	Any	Not Medically Necessary	0052 Genetic Testing for Hereditary and Multifactorial Conditions
Comprehensive Epilepsy Gene Panel (78 genes)	Ann & Robert Lurie Children's Hospital	Comprehensive Epilepsy Gene Panel (78 genes)	Any	Not Medically Necessary	0052 Genetic Testing for Hereditary and Multifactorial Conditions
Comprehensive Epilepsy NextGen DNA Sequencing Panel	Medical Neurogenetics	Comprehensive Epilepsy NextGen DNA Sequencing Panel	Any	Not Medically Necessary	0052 Genetic Testing for Hereditary and

					Multifactorial Conditions
Comprehensive Epilepsy Panel	ADX Laboratory	Comprehensive Epilepsy Panel	Any	Not Medically Necessary	0052 Genetic Testing for Hereditary and Multifactorial Conditions
Comprehensive Epilepsy Panel	GeneDx	Comprehensive Epilepsy Panel	Any	Not Medically Necessary	0052 Genetic Testing for Hereditary and Multifactorial Conditions
Comprehensive Epilepsy Panel (134 genes)	Advanced Diagnostics Laboratory at the Children's Medical Center Dallas TX	Comprehensive Epilepsy Panel (134 genes)	Any	Not Medically Necessary	0052 Genetic Testing for Hereditary and Multifactorial Conditions
Comprehensive Epilepsy Testing (EpilepsyNext)	Ambry Genetics	Comprehensive Epilepsy Testing (EpilepsyNext)	Any	Not Medically Necessary	0052 Genetic Testing for Hereditary and Multifactorial Conditions
Comprehensive Extended Panel	Alpha Genomics	Comprehensive Extended Panel	Any	Not Medically Necessary	0500 Pharmacogenetic Testing
Comprehensive Genetics Analysis Panel	Advanced Diagnostic Labs	Comprehensive Genetics Analysis Panel	Any	Not Medically Necessary	0500 Pharmacogenetic Testing
Comprehensive Hereditary Spastic Paraplegia Panel	GeneDx	Comprehensive Hereditary Spastic Paraplegia Panel	Any	Not Medically Necessary	0052 Genetic Testing for Hereditary and Multifactorial Conditions
Comprehensive Hereditary Spastic Paraplegia Panel (AKA HSP, Comprehensive Evaluation)	Athena Diagnostics	Comprehensive Hereditary Spastic Paraplegia Panel (AKA HSP, Comprehensive Evaluation)	Any	Not Medically Necessary	0052 Genetic Testing for Hereditary and Multifactorial Conditions
Comprehensive Jewish Carrier Screen	Mount Sinai Genomics/SEMA4	Comprehensive Jewish Carrier Screen	Any	Not Medically Necessary	0514 Genetic Testing for Reproductive Carrier Screening and Prenatal Diagnosis
Comprehensive Medication Metabolism Panel	MD Tox Laboratories	Comprehensive Medication Metabolism Panel	Any	Not Medically Necessary	0500 Pharmacogenetic Testing
Comprehensive Mitochondrial Nuclear Gene Panel	GeneDx	Comprehensive Mitochondrial Nuclear Gene Panel	Any	Not Medically Necessary	0052 Genetic Testing for Hereditary and Multifactorial Conditions
Comprehensive Molecular Genetic Panel	Molecular Testing Labs	Comprehensive Molecular Genetic Panel	Any	Not Medically Necessary	0052 Genetic Testing for Hereditary and Multifactorial Conditions
Comprehensive Muscular Dystrophy/ Myopathy Panel (+mtDNA)	MNG Laboratories (Medical Neurogenetics)	Comprehensive Muscular Dystrophy/ Myopathy Panel (+mtDNA)	Any	Not Medically Necessary	0052 Genetic Testing for Hereditary and Multifactorial Conditions
Comprehensive Muscular Dystrophy/Myopathy NextGen DNA Sequencing Panel (184 genes)	Medical Neurogenetics	Comprehensive Muscular Dystrophy/Myopathy NextGen DNA Sequencing Panel (184 genes)	Any	Not Medically Necessary	0052 Genetic Testing for Hereditary and Multifactorial Conditions
Comprehensive Myopathy Panel	Invitae	Comprehensive Myopathy Panel	Any	Not Medically Necessary	0052 Genetic Testing for Hereditary and Multifactorial Conditions
Comprehensive Neuromuscular Disorders	Invitae	Comprehensive Neuromuscular Disorders	Any	Not Medically Necessary	0052 Genetic Testing for Hereditary and

					Multifactorial Conditions
Comprehensive Neuromuscular Sequencing Panel	Prevention Genetics	Comprehensive Neuromuscular Sequencing Panel	Any	Not Medically Necessary	0052 Genetic Testing for Hereditary and Multifactorial Conditions
Comprehensive Neuropathies Panel	Invitae	Comprehensive Neuropathies Panel	Any	Not Medically Necessary	0052 Genetic Testing for Hereditary and Multifactorial Conditions
Comprehensive Panel	Cquentia	Comprehensive Panel	Any	Not Medically Necessary	0500 Pharmacogenetic Testing
Comprehensive Panel (ApoE, CYP2D6, CYP2C19, 2C9-VKORC1,OPRM1,COMT, ITGB3 Factor II, Factor V, MTHFR, CYP3A4,CYP3A5, CYP1A2, CYP2B6, SLCO1B1, LPA, 9P21)"	Lab Genomics	Comprehensive Panel (ApoE, CYP2D6, CYP2C19, 2C9-VKORC1,OPRM1,COMT, ITGB3 Factor II, Factor V, MTHFR, CYP3A4,CYP3A5, CYP1A2, CYP2B6, SLCO1B1, LPA, 9P21)"	Any	Experimental, Investigational or Unproven	0500 Pharmacogenetic Testing
Comprehensive Personalized Medicine Panel	Alpha Genomix Laboratories	Comprehensive Personalized Medicine Panel	Any	Not Medically Necessary	0500 Pharmacogenetic Testing
Comprehensive Personalized Medicine Report	Axis Professional Labs	Comprehensive Personalized Medicine Report	Any	Not Medically Necessary	0500 Pharmacogenetic Testing
Comprehensive PGX Panel (AKA Comprehensive Pharmacogenetic Panel)	Medcomp Sciences, LLC	Comprehensive PGX Panel (AKA Comprehensive Pharmacogenetic Panel)	Any	Not Medically Necessary	0500 Pharmacogenetic Testing
Comprehensive Pharmacogenetic Panel	Advanced Genomics	Comprehensive Pharmacogenetic Panel	Any	Not Medically Necessary	0500 Pharmacogenetic Testing
Comprehensive Pharmacogenetic Panel	Medical DNA Labs	Comprehensive Pharmacogenetic Panel	Any	Not Medically Necessary	0500 Pharmacogenetic Testing
Comprehensive Pharmacogenetic Panel	Southern Premier Lab	Comprehensive Pharmacogenetic Panel	Any	Not Medically Necessary	0500 Pharmacogenetic Testing
Comprehensive Pharmacogenetic Panel (AKA Comprehensive PGX Panel)	Medcomp Sciences, LLC	Comprehensive Pharmacogenetic Panel (AKA Comprehensive PGX Panel)	Any	Not Medically Necessary	0500 Pharmacogenetic Testing
Comprehensive Pharmacogenetic Testing	Patient's Choice Labs	Comprehensive Pharmacogenetic Testing	Any	Not Medically Necessary	0500 Pharmacogenetic Testing
Comprehensive Phenotype Panel	X-Gene Diagnostics, Inc.	Comprehensive Phenotype Panel	Any	Not Medically Necessary	0500 Pharmacogenetic Testing
Comprehensive PinPointDNA Panel	PinPoint Clinical, GeneAlign	Comprehensive PinPointDNA Panel	Any	Not Medically Necessary	0500 Pharmacogenetic Testing
Comprehensive Uveal Melanoma Prognostic Test	Impact Genetics	Comprehensive Uveal Melanoma Prognostic Test	Any	Not Medically Necessary	0520 Molecular Diagnostic Testing for Hematology/Oncology Indications
Congenital Ichthyosis XomeDxSlice Panel	GeneDx	Congenital Ichthyosis XomeDxSlice Panel	Any	Not Medically Necessary	0052 Genetic Testing for Hereditary and Multifactorial Conditions
CONNECT1 Connective Tissue Disorders panel	Center for Human Genetics (CHG)	CONNECT1 Connective Tissue Disorders panel	Any	Not Medically Necessary	0052 Genetic Testing for Hereditary and Multifactorial Conditions
Connective Tissue Disorders Panel	Human Genetics Laboratory, University of Nebraska	Connective Tissue Disorders Panel	Any	Not Medically Necessary	0052 Genetic Testing for Hereditary and Multifactorial Conditions

Connective Tissue NGS Panel	Fulgent Diagnostics	Connective Tissue NGS Panel	Any	Not Medically Necessary	0052 Genetic Testing for Hereditary and Multifactorial Conditions
CORE DME Pharmacogenomic Testing Panel	Core Medical LLC	CORE DME Pharmacogenomic Testing Panel	Any	Not Medically Necessary	0500 Pharmacogenetic Testing
Counsyl 2.0 NextGen Test	Counsyl, Inc., Myriad Women's Health, Inc.	Counsyl 2.0 NextGen Test	Any	Not Medically Necessary	0514 Genetic Testing for Reproductive Carrier Screening and Prenatal Diagnosis
Counsyl Family Prep Screen	Counsyl, Inc., Myriad Women's Health, Inc.	Counsyl Family Prep Screen	Any	Not Medically Necessary	0514 Genetic Testing for Reproductive Carrier Screening and Prenatal Diagnosis
Counsyl Universal Panel	Counsyl/Myriad Women's Health, Inc.	Counsyl Universal Panel	Any	Not Medically Necessary	0514 Genetic Testing for Reproductive Carrier Screening and Prenatal Diagnosis
Counsyl/Myriad Foresight Carrier Screen (Universal)	Counsyl, Inc., Myriad Women's Health, Inc.	Counsyl/Myriad Foresight Carrier Screen (Universal)	Any	Not Medically Necessary	0514 Genetic Testing for Reproductive Carrier Screening and Prenatal Diagnosis
Craniosynostosis Panel	Blueprint Genetics	Craniosynostosis Panel	Any	Not Medically Necessary	0052 Genetic Testing for Hereditary and Multifactorial Conditions
Craniosynostosis Panel	GeneDx	Craniosynostosis Panel	Any	Not Medically Necessary	0052 Genetic Testing for Hereditary and Multifactorial Conditions
Cxbladder™ Detect, Pacific Edge Diagnostics USA, Ltd	Pacific Edge Diagnostics USA, Ltd	Oncology (urothelial), mRNA, gene expression profiling by real-time quantitative PCR of five genes (MDK, HOXA13, CDC2 [CDK1], IGFBP5, and XCR2), utilizing urine, algorithm reported as a risk score for having urothelial carcinoma	Any	Experimental, Investigational or Unproven	0520 Molecular Diagnostic Testing for Hematology/Oncology Indications
Cxbladder™ Triage	Pacific Edge Diagnostics USA, Ltd				0520 Molecular Diagnostic Testing for Hematology/Oncology Indications
CYFRA21-1 (cytokeratin fragment 19)	Multiple	CYFRA21-1 (cytokeratin fragment 19)	Any	Not Medically Necessary	0520 Molecular Diagnostic Testing for Hematology/Oncology Indications
CYP2C9 gene	Multiple	CYP2C9 (cytochrome P450, family 2, subfamily C, polypeptide 9) (eg, drug metabolism), gene analysis, common variants (eg, *2, *3, *5, *6)	Any		0500 Pharmacogenetic Testing
CYP2D6 3' gene duplication/multiplication targeted sequence analysis, Mayo Clinic, Laboratory Developed Test	Mayo Clinic	CYP2D6 (cytochrome P450, family 2, subfamily D, polypeptide 6) (eg, drug metabolism) gene analysis, targeted sequence analysis (ie, 3' gene duplication/ multiplication) (List separately in addition to code for primary procedure) (Use 0076U in conjunction with 0070U)◄	Any	Not Medically Necessary	0500 Pharmacogenetic Testing
CYP2D6 5' gene duplication/multiplication targeted sequence analysis,	Mayo Clinic	CYP2D6 (cytochrome P450, family 2, subfamily D, polypeptide 6) (eg, drug	Any	Not Medically Necessary	0500 Pharmacogenetic Testing

Mayo Clinic, Laboratory Developed Test		metabolism) gene analysis, targeted sequence analysis (ie, 5' gene duplication/multiplication) (List separately in addition to code for primary procedure) (Use 0075U in conjunction with 0070U)◄			
CYP2D6 Genotype Cascade, Mayo Clinic,	Mayo Clinic	CYP2D6 (cytochrome P450, family 2, subfamily D, polypeptide 6) (eg, drug metabolism) gene analysis, copy number variants, common variants with reflex to targeted sequence analysis	Any	Not Medically Necessary	0500 Pharmacogenetic Testing
CYP2D6 Hybrid Gene Targeted Sequence Analysis, Mayo Clinic, Laboratory Developed Test	Mayo Clinic	CYP2D6 (cytochrome P450, family 2, subfamily D, polypeptide 6) (eg, drug metabolism) gene analysis, targeted sequence analysis (ie, CYP2D7-2D6 hybrid gene) (List separately in addition to code for primary procedure) (Use 0073U in conjunction with 0070U)◄	Any	Not Medically Necessary	0500 Pharmacogenetic Testing
CYP2D6 Tamoxifen Resistance Test	GenPath and BioReference Labs	CYP2D6 Tamoxifen Resistance Test	Any	Not Medically Necessary	0500 Pharmacogenetic Testing
CYP2D6 trans-duplication/multiplication non-duplicated gene targeted sequence analysis, Mayo Clinic, Laboratory Developed Test	Mayo Clinic	CYP2D6 (cytochrome P450, family 2, subfamily D, polypeptide 6) (eg, drug metabolism) gene analysis, targeted sequence analysis (ie, non-duplicated gene when duplication/multiplication is trans) (List separately in addition to code for primary procedure) (Use 0074U in conjunction with 0070U)◄	Any	Not Medically Necessary	0500 Pharmacogenetic Testing
CYP2D6 Full Gene Sequencing, Mayo Clinic, Laboratory Developed Test	Mayo Clinic	CYP2D6 (cytochrome P450, family 2, subfamily D, polypeptide 6) (eg, drug metabolism) gene analysis, full gene sequence (List separately in addition to code for primary procedure) (Use 0071U in conjunction with 0070U)◄	Any	Not Medically Necessary	0500 Pharmacogenetic Testing
CYP2D6-2D7 Hybrid Gene Targeted Sequence Analysis, Mayo Clinic, Laboratory Developed Test	Mayo Clinic	CYP2D6 (cytochrome P450, family 2, subfamily D, polypeptide 6) (eg, drug metabolism) gene analysis, targeted sequence analysis (ie, CYP2D6-2D7 hybrid gene) (List separately in addition to code for primary procedure) (Use 0072U in conjunction with 0070U)◄	Any	Not Medically Necessary	0500 Pharmacogenetic Testing
CYP3A4	Multiple	CYP3A4 (cytochrome P450 family 3 subfamily A member 4) (eg, drug metabolism), gene analysis, common variant(s) (eg, *2, *22)	Any		0500 Pharmacogenetic Testing
CYP3A5	Multiple	CYP3A5	Any	Not Medically Necessary	0500 Pharmacogenetic Testing
CYP450 Enzymes	Comprehensive Pain Specialists	CYP450 Enzymes	Any	Not Medically Necessary	0500 Pharmacogenetic Testing
CYP450 Profile	Anesthesia Services Associates PLLC	CYP450 Profile	Any	Not Medically Necessary	0500 Pharmacogenetic Testing
Cytochrome P450 (deletion/duplication analysis on CYP2D6, CYP2C9, CYP2C19, CYP3A4, CYP3A5,	CGC Genetics	Cytochrome P450 (deletion/duplication analysis on CYP2D6, CYP2C9, CYP2C19, CYP3A4, CYP3A5,	Any	Not Medically Necessary	0500 Pharmacogenetic Testing

CYP2E1, CYP1A1, CYP1A2, CYP2A6, CYP2B6 genes)		CYP2E1, CYP1A1, CYP1A2, CYP2A6, CYP2B6 genes)			
Cytochrome P450 1A2 Genotype, Mayo Clinic	Mayo Clinic	CYP1A2 (cytochrome P450 family 1, subfamily A, member 2)(eg, drug metabolism) gene analysis, common variants (ie, *1F, *1K, *6, *7)	Any	Not Medically Necessary	0500 Pharmacogenetic Testing
Cytochrome P450 Genotype Panel	University of California Davis Health System - UCDMC	Cytochrome P450 Genotype Panel	Any	Not Medically Necessary	0500 Pharmacogenetic Testing
Cytochrome P450 Panel	ARUP	Cytochrome P450 Panel	Any	Not Medically Necessary	0500 Pharmacogenetic Testing
Cytochrome P450 Panel	Comprehensive Pain Specialists	Cytochrome P450 Panel	Any	Not Medically Necessary	0500 Pharmacogenetic Testing
Cytogenomic Constitutional Analysis Low Pass Sequencing		Cytogenomic (genome-wide) analysis for constitutional chromosomal abnormalities; interrogation of genomic regions for copy number and loss-of-heterozygosity variants, low-pass sequencing analysis			0493 Comparative Genomic Hybridization (CGH)/Chromosomal Microarray Analysis (CMA) for Selected Hereditary Conditions
DarwinOncoTarget/OncoTreat ™	Columbia University Medical Center, Darwin Health	DarwinOncoTarget/OncoTreat ™	Any	Experimental, Investigational or Unproven	0520 Molecular Diagnostic Testing for Hematology/Oncology Indications
DCM/Arrhythmogenic Cardiomyopathy Panel (53 Genes) Test	Laboratory for Molecular Medicine – Harvard	DCM/Arrhythmogenic Cardiomyopathy Panel (53 Genes) Test	Any	Not Medically Necessary	0517 Genetic Testing for Hereditary Cardiomyopathies and Arrhythmias
DCM/LVNC Sequencing and Del/Dup Panel	GeneDx	DCM/LVNC Sequencing and Del/Dup Panel	Any	Not Medically Necessary	0517 Genetic Testing for Hereditary Cardiomyopathies and Arrhythmias
DCP (des-gamma-carboxy-prothrombin)	Multiple	DCP (des-gamma-carboxy-prothrombin)	Any	Not Medically Necessary	0520 Molecular Diagnostic Testing for Hematology/Oncology Indications
Decipher Bladder	Veracyte	Oncology (bladder), mRNA, microarray gene expression profiling of 219 genes, utilizing formalin-fixed paraffin-embedded tissue, algorithm reported as molecular subtype (luminal, luminal infiltrated, basal, basal claudin-low, neuroendocrinelike)			0520 Molecular Diagnostic Testing for Hematology/Oncology Indications
DecisionDx DiffDx Melanoma	Castle Biosciences				0520 Molecular Diagnostic Testing for Hematology/Oncology Indications
DecisionDx Melanoma	Castle Biosciences				0520 Molecular Diagnostic Testing for Hematology/Oncology Indications
DecisionDx SCC	Castle Biosciences		Any	Not Medically Necessary	0520 Molecular Diagnostic Testing for Hematology/Oncology Indications
DecisionDx® DiffDx™-Melanoma	Castle Biosciences	Oncology (cutaneous melanoma), mRNA gene expression profiling by RT-PCR of 35 genes (32 content and 3 housekeeping), utilizing			0520 Molecular Diagnostic Testing for Hematology/Oncology Indications

		formalin-fixed paraffin-embedded (FFPE) tissue, algorithm reported as a categorical result (ie, benign, intermediate, malignant)			
DecisionDx®-SCC	Castle Biosciences	Oncology (cutaneous squamous cell carcinoma), mRNA gene expression profiling by RT-PCR of 40 genes (34 content and 6 housekeeping), utilizing formalin-fixed paraffinembedded tissue, algorithm reported as a categorical risk result (ie, Class 1, Class 2A, Class 2B)			0520 Molecular Diagnostic Testing for Hematology/Oncology Indications
DecisionDX-G-CIMP (methylation analysis of DNA for determining tumor grade)	Castle Biosciences	DecisionDX-G-CIMP (methylation analysis of DNA for determining tumor grade)	Any	Not Medically Necessary	0520 Molecular Diagnostic Testing for Hematology/Oncology Indications
DecisionDX-Thymoma	Castle Biosciences	DecisionDX-Thymoma	Any	Not Medically Necessary	0520 Molecular Diagnostic Testing for Hematology/Oncology Indications
Decision-GBM	Castle Biosciences	Decision-GBM	Any	Not Medically Necessary	0520 Molecular Diagnostic Testing for Hematology/Oncology Indications
DecisonDX-Melanoma Gene Expression Profile Test for Cutaneous Melanoma	Castle Biosciences	DecisonDX-Melanoma Gene Expression Profile Test for Cutaneous Melanoma	Any	Experimental, Investigational or Unproven	0520 Molecular Diagnostic Testing for Hematology/Oncology Indications
deCode BreastCancer® Test	deCode Diagnostic Laboratory	deCode BreastCancer® Test	Any	Not Medically Necessary	0518 Genetic Testing for Hereditary Cancer Susceptibility Syndromes
DEPArray™ HER2	PacificDx	Oncology (breast cancer), ERBB2 (HER2) copy number by FISH, tumor cells from formalin fixed paraffin embedded tissue isolated using image-based dielectrophoresis (DEP) sorting, reported as ERBB2 gene amplified or non-amplified	Any	Experimental, Investigational or Unproven	0520 Molecular Diagnostic Testing for Hematology/Oncology Indications
DetermaRx™	Oncocyte	Oncology (lung), mRNA, quantitative PCR analysis of 11 genes (BAG1, BRCA1, CDC6, CDK2AP1, ERBB3, FUT3, IL11, LCK, RND3, SH3BGR, WNT3A) and 3 reference genes (ESD, TBP, YAP1), formalin-fixed paraffin-embedded (FFPE) tumor tissue, algorithmic interpretation reported as a recurrence risk score			0520 Molecular Diagnostic Testing for Hematology/Oncology Indications
DetoxiGenomic® Profile Test	Genova®	DetoxiGenomic® Profile Test	Any	Not Medically Necessary	0500 Pharmacogenetic Testing
Dilated Cardiomyopathy (DCM) Left Ventricular Non-Compaction (LVNC)	GeneDx	Dilated Cardiomyopathy (DCM) Left Ventricular Non-Compaction (LVNC)	Any	Not Medically Necessary	0517 Genetic Testing for Hereditary Cardiomyopathies and Arrhythmias
Dilated Cardiomyopathy (DCM)/Left Ventricular Noncompaction (LVNC) Panel, 38 Genes	Arup Laboratories	Dilated Cardiomyopathy (DCM)/Left Ventricular Noncompaction (LVNC) Panel, 38 Genes	Any	Not Medically Necessary	0517 Genetic Testing for Hereditary Cardiomyopathies and Arrhythmias

DNA Ploidy (deoxyribonucleic acid ploidy)	Multiple	DNA Ploidy (deoxyribonucleic acid ploidy)	Any	Not Medically Necessary	0520 Molecular Diagnostic Testing for Hematology/Oncology Indications
DNA Stat (all pharmacogenomic panels)	Multiple	DNA Stat (all pharmacogenomic panels)	Any	Not Medically Necessary	0500 Pharmacogenetic Testing
Dual Genome Panel by Massively Parallel Sequencing-(BCM-MitomeNGSSM)	Baylor Medical Genetics Laboratories	Dual Genome Panel by Massively Parallel Sequencing-(BCM-MitomeNGSSM)	Any	Not Medically Necessary	0052 Genetic Testing for Hereditary and Multifactorial Conditions
Du-Pan-2 (sialylated carbohydrate antigen)	Multiple	Du-Pan-2 (sialylated carbohydrate antigen)	Any	Not Medically Necessary	0520 Molecular Diagnostic Testing for Hematology/Oncology Indications
Dystonia Comprehensive Panel	Invitae	Dystonia Comprehensive Panel	Any	Not Medically Necessary	0052 Genetic Testing for Hereditary and Multifactorial Conditions
Dystonia Sequencing Panel	EGL Genetics	Dystonia Sequencing Panel	Any	Not Medically Necessary	0052 Genetic Testing for Hereditary and Multifactorial Conditions
Early Infantile Epileptic Encephalopathy Panel	Children's Hospital of Philadelphia	Early Infantile Epileptic Encephalopathy Panel	Any	Not Medically Necessary	0052 Genetic Testing for Hereditary and Multifactorial Conditions
Early Infantile Epileptic Encephalopathy, Dominant and X-Linked Sequencing Panel	Prevention Genetics	Early Infantile Epileptic Encephalopathy, Dominant and X-Linked Sequencing Panel	Any	Not Medically Necessary	0052 Genetic Testing for Hereditary and Multifactorial Conditions
Early Onset Inflammatory Bowel Disease Deletion/Duplication Panel	Emory Genetics Laboratory	Early Onset Inflammatory Bowel Disease Deletion/Duplication Panel	Any	Not Medically Necessary	0052 Genetic Testing for Hereditary and Multifactorial Conditions
Early Onset Inflammatory Bowel Disease Sequencing Panel	Emory Genetics Laboratory	Early Onset Inflammatory Bowel Disease Sequencing Panel	Any	Not Medically Necessary	0052 Genetic Testing for Hereditary and Multifactorial Conditions
EarlyCDT™	Oncimmune Limited	EarlyCDT™	Any	Not Medically Necessary	0520 Molecular Diagnostic Testing for Hematology/Oncology Indications
Ehlers-Danlos Syndrome Deletion/Duplication Testing via aCGH	Prevention Genetics	Ehlers-Danlos Syndrome Deletion/Duplication Testing via aCGH	Any	Not Medically Necessary	0052 Genetic Testing for Hereditary and Multifactorial Conditions
Ehlers-Danlos Syndrome NGS Panel Dominant and Recessive	Connective Tissue Gene Tests (CTGT)	Ehlers-Danlos Syndrome NGS Panel Dominant and Recessive	Any	Not Medically Necessary	0052 Genetic Testing for Hereditary and Multifactorial Conditions
Ehlers-Danlos Syndrome Panel	Invitae	Ehlers-Danlos Syndrome Panel	Any	Not Medically Necessary	0052 Genetic Testing for Hereditary and Multifactorial Conditions
Ehlers-Danlos Syndrome Sequencing Panel	Prevention Genetics	Ehlers-Danlos Syndrome Sequencing Panel	Any	Not Medically Necessary	0052 Genetic Testing for Hereditary and Multifactorial Conditions
EmbryVu	GoodStart Genetics	EmbryVu	Any	Not Medically Necessary	0514 Genetic Testing for Reproductive Carrier

					Screening and Prenatal Diagnosis
EndCLL	University of Texas MD Anderson Cancer Center	EndCLL	Any	Not Medically Necessary	0520 Molecular Diagnostic Testing for Hematology/Oncology Indications
EndoGENE	OvaGene Oncology	EndoGENE	Any	Not Medically Necessary	0518 Genetic Testing for Hereditary Cancer Susceptibility Syndromes
ENGAUGE GI-Barrett's Esophagus	Diagnovus	ENGAUGE GI-Barrett's Esophagus	Any	Not Medically Necessary	0520 Molecular Diagnostic Testing for Hematology/Oncology Indications
ENGAUGE GI-EoE	Diagnovus	ENGAUGE GI-EoE	Any	Not Medically Necessary	0520 Molecular Diagnostic Testing for Hematology/Oncology Indications
Envisia Classifier	Veracyte	Envisia Classifier	Any	Not Medically Necessary	0520 Molecular Diagnostic Testing for Hematology/Oncology Indications
Epidermolysis Bullosa (EB) XomeDxSlice	GeneDx	Epidermolysis Bullosa (EB) XomeDxSlice	Any	Not Medically Necessary	0052 Genetic Testing for Hereditary and Multifactorial Conditions
EpiFirst Fever	Ambry Genetics	EpiFirst Fever	Any	Not Medically Necessary	0052 Genetic Testing for Hereditary and Multifactorial Conditions
Epilepsy Advanced Sequencing Evaluation	Athena Diagnostics	Epilepsy Advanced Sequencing Evaluation	Any	Not Medically Necessary	0052 Genetic Testing for Hereditary and Multifactorial Conditions
Epilepsy and Seizure Disorders Panel	Emory	Epilepsy and Seizure Disorders Panel	Any	Not Medically Necessary	0052 Genetic Testing for Hereditary and Multifactorial Conditions
Epilepsy Comprehensive NGS Panel	Fulgent Diagnostics	Epilepsy Comprehensive NGS Panel	Any	Not Medically Necessary	0052 Genetic Testing for Hereditary and Multifactorial Conditions
Epilepsy Gene Panel (100 genes)	Children's Hospital of Philadelphia	Epilepsy Gene Panel (100 genes)	Any	Not Medically Necessary	0052 Genetic Testing for Hereditary and Multifactorial Conditions
Epilepsy Panel	Invitae	Epilepsy Panel	Any	Not Medically Necessary	0052 Genetic Testing for Hereditary and Multifactorial Conditions
Epilepsy Panel	Mary Hitchcock Memorial Hospital	Epilepsy Panel	Any	Not Medically Necessary	0052 Genetic Testing for Hereditary and Multifactorial Conditions
Epilepsy Panel with Preliminary Evidence Genes	Invitae	Epilepsy Panel with Preliminary Evidence Genes	Any	Not Medically Necessary	0052 Genetic Testing for Hereditary and Multifactorial Conditions
EpilepsyNext	Ambry Genetics	EpilepsyNext	Any	Not Medically Necessary	0052 Genetic Testing for Hereditary and

					Multifactorial Conditions
Epileptic Encephalopathy NextGen DNA Sequencing Panel	Medical Neurogenetics	Epileptic Encephalopathy NextGen DNA Sequencing Panel	Any	Not Medically Necessary	0052 Genetic Testing for Hereditary and Multifactorial Conditions
Episodic Pain Syndrome NextGen Sequencing (NGS) Panel	Prevention Genetics	Episodic Pain Syndrome NextGen Sequencing (NGS) Panel	Any	Not Medically Necessary	0052 Genetic Testing for Hereditary and Multifactorial Conditions
EpiXpanded panel	GeneDx	EpiXpanded panel	Any	Not Medically Necessary	0052 Genetic Testing for Hereditary and Multifactorial Conditions
ERA® (Endometrial Receptivity Analysis	Igenomix		Any		0514 Genetic Testing for Reproductive Carrier Screening and Prenatal Diagnosis
EsoGuard™, Lucid Diagnostics,	Lucid Diagnostics	Gastroenterology (Barrett's esophagus), VIM and CCNA1 methylation analysis, esophageal cells, algorithm reported as likelihood for Barrett's esophagus	Any	Experimental, Investigational or Unproven	0520 Molecular Diagnostic Testing for Hematology/Oncology Indications
EXaCT-1 Whole Exome Testing Lab of OncologyMolecular Detection	Weill Cornell MedicineClinical Genomics Laboratory	Exome (ie, somatic mutations), paired formalin-fixed paraffin-embedded tumor tissue and normal specimen, sequence analyses	Any	Not Medically Necessary	0519 Whole Exome and Whole Genome Sequencing
eXagenBC®	eXagen Diagnostics, Inc.	eXagenBC®	Any	Not Medically Necessary	0520 Molecular Diagnostic Testing for Hematology/Oncology Indications
ExomeNext-Prenatal	Ambry Genetics	ExomeNext-Prenatal	Any	Not Medically Necessary	0514 Genetic Testing for Reproductive Carrier Screening and Prenatal Diagnosis
Expanded Carrier Screen (152 gene)	Mount Sinai Genomics/SEMA4	Expanded Carrier Screen (152 gene)	Any	Not Medically Necessary	0514 Genetic Testing for Reproductive Carrier Screening and Prenatal Diagnosis
Expanded Carrier Screen (283 gene)	Mount Sinai Genomics/SEMA4	Expanded Carrier Screen (283 gene)	Any	Not Medically Necessary	0514 Genetic Testing for Reproductive Carrier Screening and Prenatal Diagnosis
Expanded Carrier Screen (39 gene)	Mount Sinai Genomics/SEMA4	Expanded Carrier Screen (39 gene)	Any	Not Medically Necessary	0514 Genetic Testing for Reproductive Carrier Screening and Prenatal Diagnosis
Expanded Neuromuscular Disorders: Sequencing and Deletion/Duplication Panel #MM360	EGL Genetics	Expanded Neuromuscular Disorders: Sequencing and Deletion/Duplication Panel #MM360	Any	Not Medically Necessary	0052 Genetic Testing for Hereditary and Multifactorial Conditions
Expanded Pan-Ethnic Panel	Sema4	Expanded Pan-Ethnic Panel	Any	Not Medically Necessary	0514 Genetic Testing for Reproductive Carrier Screening and Prenatal Diagnosis
Expanded Polycystic Kidney NGS Panel	Fulgent	Expanded Polycystic Kidney NGS Panel	Any	Not Medically Necessary	0052 Genetic Testing for Hereditary and Multifactorial Conditions
Familial Atrial Fibrillation Syndrome NextGen Sequencing (NGS) Panel	Prevention Genetics	Familial Atrial Fibrillation Syndrome NextGen Sequencing (NGS) Panel	Any	Experimental, Investigation	0517 Genetic Testing for Hereditary

				al or Unproven	Cardiomyopathies and Arrhythmias
Female Febrile Seizure Panel (FFSP)	Transgenomic	Female Febrile Seizure Panel (FFSP)	Any	Not Medically Necessary	0052 Genetic Testing for Hereditary and Multifactorial Conditions
Fever Syndromes NextGen Sequencing Panel	Medical Neurogenetics	Fever Syndromes NextGen Sequencing Panel	Any	Not Medically Necessary	0052 Genetic Testing for Hereditary and Multifactorial Conditions
Fever Syndromes Panel	Medical Neurogenetics	Fever Syndromes Panel	Any	Not Medically Necessary	0052 Genetic Testing for Hereditary and Multifactorial Conditions
Focused Pharmacogenomics Panel, Mayo Clinic,	Mayo Clinic	Drug metabolism (adverse drug reactions and drug response), targeted sequence analysis (ie, CYP1A2, CYP2C19, CYP2C9, CYP2D6, CYP3A4, CYP3A5, CYP4F2, SLCO1B1, VKORC1 and rs12777823)	Any	Not Medically Necessary	0500 Pharmacogenetic Testing
Frontier PGx Panel	Frontier Toxicology	Frontier PGx Panel	Any	Not Medically Necessary	0500 Pharmacogenetic Testing
Frontotemporal Dementia (FTD) Evaluation (C9ORF72, MAPT, GRN)	Athena Diagnostics	Frontotemporal Dementia (FTD) Evaluation (C9ORF72, MAPT, GRN)	Any	Not Medically Necessary	0052 Genetic Testing for Hereditary and Multifactorial Conditions
Frontotemporal Dementia Panel	Athena Diagnostics	Frontotemporal Dementia Panel	Any	Not Medically Necessary	0052 Genetic Testing for Hereditary and Multifactorial Conditions
Galleri	Grail	Galleri	Any	Experimental, Investigational or Unproven	0520 Molecular Diagnostic Testing for Hematology/Oncology Indications
Galleri	Grail		Any	Experimental, Investigational or Unproven	0520 Molecular Diagnostic Testing for Hematology/Oncology Indications
Gastric Cancer Panel (19 genes)	Invitae	Gastric Cancer Panel (19 genes)	Any	Not Medically Necessary	0518 Genetic Testing for Hereditary Cancer Susceptibility Syndromes
GCC (guanylyl cyclase C)	Multiple	GCC (guanylyl cyclase C)	Any	Not Medically Necessary	0520 Molecular Diagnostic Testing for Hematology/Oncology Indications
GEM ExTra	Exact Sciences		Any	Experimental, Investigational or Unproven	0520 Molecular Diagnostic Testing for Hematology/Oncology Indications
GenArray™	GenPath Diagnostics	GenArray™	Any	Not Medically Necessary	0520 Molecular Diagnostic Testing for Hematology/Oncology Indications
GeneAware - Basic Panel (6 genes)	Baylor	GeneAware - Basic Panel (6 genes)	Any	Not Medically Necessary	0514 Genetic Testing for Reproductive Carrier Screening and Prenatal Diagnosis
GeneAware Ashkenazi Jewish Panel (39 genes)	Baylor Miraca Genetics	GeneAware Ashkenazi Jewish Panel (39 genes)	Any	Not Medically Necessary	0514 Genetic Testing for Reproductive Carrier

					Screening and Prenatal Diagnosis
GeneAware Complete Carrier Screening Panel	Amerigene	GeneAware Complete Carrier Screening Panel	Any	Not Medically Necessary	0514 Genetic Testing for Reproductive Carrier Screening and Prenatal Diagnosis
GeneAware Complete Panel (158 genes)	Baylor	GeneAware Complete Panel (158 genes)	Any	Not Medically Necessary	0514 Genetic Testing for Reproductive Carrier Screening and Prenatal Diagnosis
Genecept™ Assay	Genomind	Genecept™ Assay	Any	Not Medically Necessary	0500 Pharmacogenetic Testing
GeneDose™	Coriell Life Sciences	GeneDose™	Any	Not Medically Necessary	0500 Pharmacogenetic Testing
GeneID Preventest (AKA Preventest) GeneSeq®: Cardio Familial Arrhythmia Profile	United Toxicology LLC, LabCorp	GeneID Preventest (AKA Preventest) GeneSeq®: Cardio Familial Arrhythmia Profile	Any	Not Medically Necessary	0518 Genetic Testing for Hereditary Cancer Susceptibility Syndromes
GeneSeq Hereditary Cancer Panel	Aventus Health	GeneSeq Hereditary Cancer Panel	Any	Not Medically Necessary	0518 Genetic Testing for Hereditary Cancer Susceptibility Syndromes
GeneSeq®: Cardio Familial Arrhythmia Profile	LabCorp	GeneSeq®: Cardio Familial Arrhythmia Profile	Any	Not Medically Necessary	0517 Genetic Testing for Hereditary Cardiomyopathies and Arrhythmias
GeneSeq®: Cardio Familial Cardiomyopathy Profile	LabCorp	GeneSeq®: Cardio Familial Cardiomyopathy Profile	Any	Not Medically Necessary	0517 Genetic Testing for Hereditary Cardiomyopathies and Arrhythmias
GeneSight® Assay	AssureRX Health, Inc./Myriad	GeneSight Assay	Any	Not Medically Necessary	0500 Pharmacogenetic Testing
GeneSight® ADHD	AssureRX Health Inc./Myriad	GeneSight® ADHD	Any	Not Medically Necessary	0500 Pharmacogenetic Testing
GeneSight® Analgesic	AssureRX Health Inc./Myriad	GeneSight® Analgesic	Any	Not Medically Necessary	0500 Pharmacogenetic Testing
GeneSight® MTHFR	AssureRX Health Inc./Myriad	GeneSight® MTHFR	Any	Not Medically Necessary	0500 Pharmacogenetic Testing
GeneSight® Psychotrophic	AssureRX Health Inc./Myriad	GeneSight® Psychotrophic	Any	Not Medically Necessary	0500 Pharmacogenetic Testing
Genetic Assisted Prescribing Test	Quantigen Genomic	Genetic Assisted Prescribing Test	Any	Not Medically Necessary	0500 Pharmacogenetic Testing
Genetics4you MDx Cardiac Panel	Genetisis MDx	Genetics4you MDx Cardiac Panel	Any	Not Medically Necessary	0500 Pharmacogenetic Testing
GeneVu Pan-Ethnic Panel	GoodStart Genetics	GeneVu Pan-Ethnic Panel	Any	Not Medically Necessary	0514 Genetic Testing for Reproductive Carrier Screening and Prenatal Diagnosis
Genomic Unity® Ataxia Repeat Expansion and Sequence Analysis	Variantyx	Neurology (inherited ataxias), genomic DNA sequence analysis of 12 common genes including small sequence changes, deletions, duplications, short tandem repeat gene expansions, and variants in non-uniquely mappable regions, blood or saliva, identification and			0052 Genetic Testing for Hereditary and Multifactorial Conditions

		categorization of genetic variants			
Genomic Unity® Comprehensive Ataxia Repeat Expansion and Sequence Analysis	Variantyx	Neurology (inherited ataxias), genomic DNA sequence analysis of 51 genes including small sequence changes, deletions, duplications, short tandem repeat gene expansions, and variants in non-uniquely mappable regions, blood or saliva, identification and categorization of genetic variants			0052 Genetic Testing for Hereditary and Multifactorial Conditions
Genomic Unity® DMD Analysis,	Variantyx	Neurology (muscular dystrophy), DMD gene sequence analysis, including small sequence changes, deletions, duplications, and variants in non-uniquely mappable regions, blood or saliva, identification and characterization of genetic variants			0052 Genetic Testing for Hereditary and Multifactorial Conditions
Genomind® Professional PGx Express™ CORE	Genomind	Psychiatry (Eg, Depression, Anxiety), Genomic Analysis Panel, Variant Analysis Of 15 Genes	Any	Not Medically Necessary	0500 Pharmacogenetic Testing
GenosticN-Autism test	MEDomics	GenosticN-Autism test	Any	Not Medically Necessary	0052 Genetic Testing for Hereditary and Multifactorial Conditions
Glycogen Storage Disease and Disorders of Glucose Metabolism NextGen Sequencing (NGS) Panel	Prevention Genetics	Glycogen Storage Disease and Disorders of Glucose Metabolism NextGen Sequencing (NGS) Panel	Any	Not Medically Necessary	0052 Genetic Testing for Hereditary and Multifactorial Conditions
Guardant Reveal	GuardantHealth		Any	Experimental, Investigational or Unproven	0520 Molecular Diagnostic Testing for Hematology/Oncology Indications
Guardant360 Response	GuardantHealth		Any	Experimental, Investigational or Unproven	0520 Molecular Diagnostic Testing for Hematology/Oncology Indications
Guardant360 Tissue Next	GuardantHealth		Any	Experimental, Investigational or Unproven	0520 Molecular Diagnostic Testing for Hematology/Oncology Indications
Guardant360 TissueNext™	Guardant Health Inc	Oncology (solid organ), targeted genomic sequence analysis, formalin-fixed paraffinembedded (FFPE) tumor tissue, DNA analysis, 84 or more genes, interrogation for sequence variants, gene copy number amplifications, gene rearrangements, microsatellite instability and tumor mutational burden	Any	Experimental, Investigational or Unproven	0520 Molecular Diagnostic Testing for Hematology/Oncology Indications
Healthy Weight DNA Insight	Pathway Genomics	Healthy Weight DNA Insight	Any	Not Medically Necessary	0052 Genetic Testing for Hereditary and Multifactorial Conditions
Healthy Woman DNA Insight	Pathway Genomics	Healthy Woman DNA Insight	Any	Not Medically Necessary	0052 Genetic Testing for Hereditary and Multifactorial Conditions

Heart Care	CareDX				0465 Laboratory Testing for Transplantation Rejection
HelioLiver™ Test	Fulgent Genetics, LLC, Helio Health, Inc	Oncology (liver), surveillance for hepatocellular carcinoma (HCC) in highrisk patients, analysis of methylation patterns on circulating cell-free DNA (cfDNA) plus measurement of serum of AFP/AFP-L3 and oncoprotein des-gammacarboxy-prothrombin (DCP), algorithm reported as normal or abnormal result	Any	Not Medically Necessary	0520 Molecular Diagnostic Testing for Hematology/Oncology Indications
HerediT® UNIVERSAL Carrier Screening	Sequenom, Integrated Genetics, LabCorp	HerediT® UNIVERSAL Carrier Screening	Any	Not Medically Necessary	0514 Genetic Testing for Reproductive Carrier Screening and Prenatal Diagnosis
Hereditary Bladder and Renal Cancer Panel	Invitae	Hereditary Bladder and Renal Cancer Panel	Any	Not Medically Necessary	0520 Molecular Diagnostic Testing for Hematology/Oncology Indications
Hereditary Cancer Risk Test	Vantari Genetics	Hereditary Cancer Risk Test	Any	Not Medically Necessary	0518 Genetic Testing for Hereditary Cancer Susceptibility Syndromes
Hereditary Cardiac Arrhythmia NextGen DNA Sequencing Panel (58 genes)	MNG Laboratories	Hereditary Cardiac Arrhythmia NextGen DNA Sequencing Panel (58 genes)	Any	Not Medically Necessary	0517 Genetic Testing for Hereditary Cardiomyopathies and Arrhythmias
Hereditary Colon Cancer Multi-Gene Panel	Mayo Clinic	Hereditary Colon Cancer Multi-Gene Panel	Any	Not Medically Necessary	0518 Genetic Testing for Hereditary Cancer Susceptibility Syndromes
Hereditary Hemochromatosis Panel	Invitae	Hereditary Hemochromatosis Panel	Any	Not Medically Necessary	0052 Genetic Testing for Hereditary and Multifactorial Conditions
Hereditary Hemolytic Anemia Sequencing, 28 Genes	ARUP Laboratories	Hereditary Hemolytic Anemia Sequencing, 28 Genes	Any	Not Medically Necessary	0052 Genetic Testing for Hereditary and Multifactorial Conditions
Hereditary Neuropathy Panel	GeneDX	Hereditary Neuropathy Panel	Any	Not Medically Necessary	0052 Genetic Testing for Hereditary and Multifactorial Conditions
Hereditary Spastic Paraplegia Comprehensive Panel	Invitae	Hereditary Spastic Paraplegia Comprehensive Panel	Any	Not Medically Necessary	0052 Genetic Testing for Hereditary and Multifactorial Conditions
Hereditary Spastic Paraplegia Panel	Athena Diagnostics	Hereditary Spastic Paraplegia Panel	Any	Not Medically Necessary	0052 Genetic Testing for Hereditary and Multifactorial Conditions
Hereditest (AKA Preventest)	GeneID/Advanced Molecular Diagnostics	Hereditest (AKA Preventest)	Any	Not Medically Necessary	0052 Genetic Testing for Hereditary and Multifactorial Conditions
Heritable Disorders of Connective Tissue Panel	GeneDx	Heritable Disorders of Connective Tissue Panel	Any	Not Medically Necessary	0052 Genetic Testing for Hereditary and Multifactorial Conditions

HERmark® Breast Cancer Assay	Monogram Biosciences	HERmark® Breast Cancer Assay	Any	Not Medically Necessary	0520 Molecular Diagnostic Testing for Hematology/Oncology Indications
High Frequency Carrier Screen	Mount Sinai Genomics/SEMA4	High Frequency Carrier Screen	Any	Not Medically Necessary	0514 Genetic Testing for Reproductive Carrier Screening and Prenatal Diagnosis
High Moderate Risk Panel	GeneDX	High Moderate Risk Panel	Any	Not Medically Necessary	0518 Genetic Testing for Hereditary Cancer Susceptibility Syndromes
hMAM (human mammoglobulin)	Multiple	hMAM (human mammoglobulin)	Any	Experimental, Investigational or Unproven	0520 Molecular Diagnostic Testing for Hematology/Oncology Indications
Horizon 106™	Natera	Horizon 106™	Any	Not Medically Necessary	0514 Genetic Testing for Reproductive Carrier Screening and Prenatal Diagnosis
Horizon 137™	Natera	Horizon 137™	Any	Not Medically Necessary	0514 Genetic Testing for Reproductive Carrier Screening and Prenatal Diagnosis
Horizon 14 gene Pan-Ethnic screen	Natera	Horizon 14 gene Pan-Ethnic screen	Any	Not Medically Necessary	0514 Genetic Testing for Reproductive Carrier Screening and Prenatal Diagnosis
Horizon Carrier Screen Pan Ethnic Extended	Natera	Horizon Carrier Screen Pan Ethnic Extended	Any	Not Medically Necessary	0514 Genetic Testing for Reproductive Carrier Screening and Prenatal Diagnosis
Horizon™ 27 Carrier Screening Panel	Natera	Horizon™ 27 Carrier Screening Panel	Any	Not Medically Necessary	0514 Genetic Testing for Reproductive Carrier Screening and Prenatal Diagnosis
Horizon™ 274	Natera	Horizon™ 274	Any	Not Medically Necessary	0514 Genetic Testing for Reproductive Carrier Screening and Prenatal Diagnosis
HOXBI3/IL17BR	bioTheranostics, Inc.	HOXBI3/IL17BR	Any	Experimental, Investigational or Unproven	0520 Molecular Diagnostic Testing for Hematology/Oncology Indications
HSP, Comprehensive Evaluation (AKA Comprehensive Hereditary Spastic Paraplegia Panel)	Athena Diagnostics	HSP, Comprehensive Evaluation (AKA Comprehensive Hereditary Spastic Paraplegia Panel)	Any	Not Medically Necessary	0052 Genetic Testing for Hereditary and Multifactorial Conditions
Hypertrophic Cardiomyopathy (HCM) Panel (42 genes)	GeneDx	Hypertrophic Cardiomyopathy (HCM) Panel (42 genes)	Any	Not Medically Necessary	0517 Genetic Testing for Hereditary Cardiomyopathies and Arrhythmias
Hypertrophic Cardiomyopathy Panel	OHSU, Knight Diagnostic Lab	Hypertrophic Cardiomyopathy Panel	Any	Not Medically Necessary	0517 Genetic Testing for Hereditary Cardiomyopathies and Arrhythmias
IBD sgi Diagnostic	Prometheus Laboratories Inc.		Any	Experimental, Investigational or Unproven	0121 Serological Testing for Inflammatory Bowel Disease
IDGenetix Pharmacogenetic Tests	AltheaDx	IDGenetix Pharmacogenetic Tests	Any	Not Medically Necessary	0500 Pharmacogenetic Testing

iGene Cancer Panel	ApolloGen	iGene Cancer Panel	Any	Not Medically Necessary	0518 Genetic Testing for Hereditary Cancer Susceptibility Syndromes
IGS Genetics /Pharmacogenetics	Empire City Laboratories	IGS Genetics /Pharmacogenetics	Any	Not Medically Necessary	0500 Pharmacogenetic Testing
Ilustra Genetic Risk Test (AKA Periopredict®)	Interleukin Genetics	Ilustra Genetic Risk Test (AKA Periopredict®)	Any	Not Medically Necessary	0052 Genetic Testing for Hereditary and Multifactorial Conditions
IMG Universal Panel 2.0	Insight Medical Genetics	IMG Universal Panel 2.0	Any	Not Medically Necessary	0514 Genetic Testing for Reproductive Carrier Screening and Prenatal Diagnosis
IMG Universal Panel 3.0 (with X-linked conditions)	Insight Medical Genetics	IMG Universal Panel 3.0 (with X-linked conditions)	Any	Not Medically Necessary	0514 Genetic Testing for Reproductive Carrier Screening and Prenatal Diagnosis
ImmunoCyte™/uCyte+™	Diagno-Cure Inc	ImmunoCyte™/uCyte+™	Any	Not Medically Necessary	0520 Molecular Diagnostic Testing for Hematology/Oncology Indications
Infantile and Childhood Epilepsy Panel	University of Chicago Genetic Services	Infantile and Childhood Epilepsy Panel	Any	Not Medically Necessary	0052 Genetic Testing for Hereditary and Multifactorial Conditions
Infantile Epilepsy Panel	ARUP Laboratories	Infantile Epilepsy Panel	Any	Not Medically Necessary	0052 Genetic Testing for Hereditary and Multifactorial Conditions
Infantile Epilepsy Panel	GeneDX	Infantile Epilepsy Panel	Any	Not Medically Necessary	0052 Genetic Testing for Hereditary and Multifactorial Conditions
Infertility Panel	Emory Genetics Laboratory	Infertility Panel	Any	Not Medically Necessary	0514 Genetic Testing for Reproductive Carrier Screening and Prenatal Diagnosis
INFINITI® Neural Response Panel,	PersonalizeDx Labs, AutoGenomics Inc	Pain management (opioid-use disorder) genotyping panel, 16 common variants (ie, ABCB1, COMT, DAT1, DBH, DOR, DRD1, DRD2, DRD4, GABA, GAL, HTR2A, HTTLPR, MTHFR, MUOR, OPRK1, OPRM1), buccal swab or other germline tissue sample, algorithm reported as positive or negative risk of opioid-use disorder	Any	Not Medically Necessary	0500 Pharmacogenetic Testing
Informed PGx Depression Panel	Progenity	Informed PGx Depression Panel	Any	Not Medically Necessary	0500 Pharmacogenetic Testing
Inherigen	BioReference Labs	Inherigen	Any	Not Medically Necessary	0514 Genetic Testing for Reproductive Carrier Screening and Prenatal Diagnosis
Inherigen Plus	BioReference Labs	Inherigen Plus	Any	Not Medically Necessary	0514 Genetic Testing for Reproductive Carrier Screening and Prenatal Diagnosis
Inherigen Test	Gen Path	Inherigen Test	Any	Not Medically Necessary	0514 Genetic Testing for Reproductive Carrier

					Screening and Prenatal Diagnosis
Inheritest Ashkenazi Jewish	Sequenom, Integrated Genetics, LabCorp	Inheritest Ashkenazi Jewish	Any	Not Medically Necessary	0514 Genetic Testing for Reproductive Carrier Screening and Prenatal Diagnosis
Inheritest Comprehensive	Sequenom, Integrated Genetics, LabCorp	Inheritest Comprehensive	Any	Not Medically Necessary	0514 Genetic Testing for Reproductive Carrier Screening and Prenatal Diagnosis
Inheritest Comprehensive Panel (141 genes)	Integrated Genetics/LabCorp	Inheritest Comprehensive Panel (141 genes)	Any	Not Medically Necessary	0514 Genetic Testing for Reproductive Carrier Screening and Prenatal Diagnosis
Inheritest Select Carrier Screen	LabCorp	Inheritest Select Carrier Screen	Any	Not Medically Necessary	0514 Genetic Testing for Reproductive Carrier Screening and Prenatal Diagnosis
Inheritest Society-Guided Screening Panel	Sequenom, Integrated Genetics, LabCorp	Inheritest Society-Guided Screening Panel	Any	Not Medically Necessary	0514 Genetic Testing for Reproductive Carrier Screening and Prenatal Diagnosis
Inheritest® Ashkenazi Jewish Carrier Screening Panel, NGS	LabCorp/Esoterix	Inheritest® Ashkenazi Jewish Carrier Screening Panel, NGS	Any	Not Medically Necessary	0514 Genetic Testing for Reproductive Carrier Screening and Prenatal Diagnosis
Insight DX™ MammaStrat™	Clarient, Inc.	Insight DX™ MammaStrat™	Any	Not Medically Necessary	0520 Molecular Diagnostic Testing for Hematology/Oncology Indications
Insight TNBCtype™, Insight Molecular Labs	Insight Molecular Labs	Oncology (breast), mRNA, gene expression profiling by next-generation sequencing of 101 genes, utilizing formalin-fixed paraffin-embedded tissue, algorithm reported as a triple negative breast cancer clinical subtype(s) with information on immune cell involvement	Any	Experimental, Investigational or Unproven	0520 Molecular Diagnostic Testing for Hematology/Oncology Indications
Intellectual Disability Panel (372 genes)	Arkansas Children's Hospital	Intellectual Disability Panel (372 genes)	Any	Not Medically Necessary	0052 Genetic Testing for Hereditary and Multifactorial Conditions
IntelligeneDx Complete Hereditary Risk Panel (94 genes)	IntelligeneDX	IntelligeneDx Complete Hereditary Risk Panel (94 genes)	Any	Not Medically Necessary	0052 Genetic Testing for Hereditary and Multifactorial Conditions
Invader® UGT1A1 Molecular Assay	Hologic®	Invader® UGT1A1 Molecular Assay	Any	Experimental, Investigational or Unproven	0500 Pharmacogenetic Testing
Invasiveness Signature™	Oncomed Pharmaceuticals	Invasiveness Signature™	Any	Not Medically Necessary	0520 Molecular Diagnostic Testing for Hematology/Oncology Indications
Invitae Hereditary Paraganglioma-Pheochromocytoma Panel	Invitae	Invitae Hereditary Paraganglioma-Pheochromocytoma Panel	Any	Not Medically Necessary	0518 Genetic Testing for Hereditary Cancer Susceptibility Syndromes
Invitae PCM MRD Monitoring	Invitae	Oncology (minimal residual disease [MRD]), next-generation targeted sequencing analysis of a patient-specific panel, cell-			0520 Molecular Diagnostic Testing for Hematology/Oncology Indications

		free DNA, subsequent assessment with comparison to previously analyzed patient specimens to evaluate for MRD(Do not report 0307U in conjunction with 0306U)			
Invitae PCM Tissue Profiling and MRD Baseline Assay	Invitae	Oncology (minimal residual disease [MRD]), next-generation targeted sequencing analysis, cell-free DNA, initial (baseline) assessment to determine a patient specific panel for future comparisons to evaluate for MRD (Do not report 0306U in conjunction with 0307U)			0520 Molecular Diagnostic Testing for Hematology/Oncology Indications
IriSight™ Prenatal Analysis – Comparator,	Variantyx	Rare diseases (constitutional/heritable disorders), whole genome sequence analysis, including small sequence changes, copy number variants, deletions, duplications, mobile element insertions, uniparental disomy (UPD), inversions, aneuploidy, mitochondrial genome sequence analysis with heteroplasmy and large deletions, short tandem repeat (STR) gene expansions, blood or saliva, identification and categorization of genetic variants, each comparator genome (eg, parent) (Do not report 0336U in conjunction with 81426, 0213U)	Any	Not Medically Necessary	0514 Genetic Testing for Reproductive Carrier Screening and Prenatal Diagnosis
IriSight™ Prenatal Analysis – Proband	Variantyx	Rare diseases (constitutional/heritable disorders), whole genome sequence analysis, including small sequence changes, copy number variants, deletions, duplications, mobile element insertions, uniparental disomy (UPD), inversions, aneuploidy, mitochondrial genome sequence analysis with heteroplasmy and large deletions, short tandem repeat (STR) gene expansions, fetal sample, identification and categorization of genetic variants (Do not report 0335U in conjunction with 81425, 0212U)	Any	Not Medically Necessary	0514 Genetic Testing for Reproductive Carrier Screening and Prenatal Diagnosis
Kallikrein-related peptidase 2 (hK2)	Multiple	Kallikrein-related peptidase 2 (hK2)	Any	Not Medically Necessary	0520 Molecular Diagnostic Testing for Hematology/Oncology Indications
Kay's Array	OvaGene Oncology	Kay's Array	Any	Not Medically Necessary	0520 Molecular Diagnostic Testing for Hematology/Oncology Indications
LactoTYPE	Prometheus Laboratories Inc.	LactoTYPE	Any	Not Medically Necessary	0052 Genetic Testing for Hereditary and Multifactorial Conditions

LASA-P (lipid associated sialic acid in plasma)	Multiple	LASA-P (lipid associated sialic acid in plasma)	Any	Not Medically Necessary	0520 Molecular Diagnostic Testing for Hematology/Oncology Indications
Leukoencephalopathy NGS Panel	Fulgent	Leukoencephalopathy NGS Panel	Any	Not Medically Necessary	0052 Genetic Testing for Hereditary and Multifactorial Conditions
Leukoencephalopathy Xpanded Panel	GeneDx	Leukoencephalopathy Xpanded Panel	Any	Not Medically Necessary	0052 Genetic Testing for Hereditary and Multifactorial Conditions
Limb Girdle Muscular Dystrophy Panel	Multiple	Limb Girdle Muscular Dystrophy Panel	Any	Not Medically Necessary	0052 Genetic Testing for Hereditary and Multifactorial Conditions
Lipodystrophy NGS Panel	Fulgent	Lipodystrophy NGS Panel	Any	Not Medically Necessary	0052 Genetic Testing for Hereditary and Multifactorial Conditions
Liquid GPS testing	Baylor Miraca Genetics Laboratories	Liquid GPS testing	Any	Not Medically Necessary	0520 Molecular Diagnostic Testing for Hematology/Oncology Indications
Low Bone Mass Panel by Massively Parallel Sequencing	Baylor Miraca Genetics Laboratories	LPA-Aspirin Check® (rs3798220 allele)	Any	Not Medically Necessary	0052 Genetic Testing for Hereditary and Multifactorial Conditions
LungLB®	LungLife AI®	Oncology (lung cancer), four-probe FISH (3q29, 3p22.1, 10q22.3, 10cen) assay, whole blood, predictive algorithmgenerated evaluation reported as decreased or increased risk for lung cancer			0520 Molecular Diagnostic Testing for Hematology/Oncology Indications
Lymph3Cx Lymphoma Molecular Subtyping Assay, Mayo Clinic, Laboratory Developed Test	Mayo Clinic, Laboratory Developed Test	Oncology (B-cell lymphoma classification), mRNA, gene expression profiling by fluorescent probe hybridization of 58 genes (45 content and 13 housekeeping genes), formalin-fixed paraffin-embedded tissue, algorithm reported as likelihood for primary mediastinal B-cell lymphoma (PMBCL) and diffuse large B-cell lymphoma (DLBCL) with cell of origin subtyping in the latter	Any	Experimental, Investigational or Unproven	0520 Molecular Diagnostic Testing for Hematology/Oncology Indications
Macrocephaly/Ovegrowth Panel	Blueprint Genetics	Macrocephaly/Ovegrowth Panel	Any	Not Medically Necessary	0052 Genetic Testing for Hereditary and Multifactorial Conditions
Macula Risk® PGx	ArticDx	ArticDx Macula Risk®	Any	Not Medically Necessary	0052 Genetic Testing for Hereditary and Multifactorial Conditions
MaculaRisk	Arctic Medical Laboratories	MaculaRisk	Any	Not Medically Necessary	0052 Genetic Testing for Hereditary and Multifactorial Conditions
Male Febrile Seizure Panel (FSP)	Transgenomic	Male Febrile Seizure Panel (FSP)	Any	Not Medically Necessary	0052 Genetic Testing for Hereditary and

					Multifactorial Conditions
MammaPrint NGS	Agendia	Oncology (breast), mRNA, next-generation sequencing gene expression profiling of 70 content genes and 31 housekeeping genes, utilizing formalin-fixed paraffin-embedded tissue, algorithm reported as index related to risk to distant metastasis			0520 Molecular Diagnostic Testing for Hematology/Oncology Indications
Mammostrat	Clarient, Inc.	Mammostrat	Any	Not Medically Necessary	0520 Molecular Diagnostic Testing for Hematology/Oncology Indications
Marfan syndrome, Loeys-Dietz syndrome, Familial thoracic aortic aneurysms & dissections, and Related disorders NGS panel - Fixed - CTGT	Mayo Clinic-Rochester	Marfan syndrome, Loeys-Dietz syndrome, Familial thoracic aortic aneurysms & dissections, and Related disorders NGS panel - Fixed - CTGT	Any	Not Medically Necessary	0052 Genetic Testing for Hereditary and Multifactorial Conditions
Marfan/TAAD syndrome, Loeys-Dietz syndrome, familial thoracic aortic aneurysms & dissections, and related disorders NGS panel - Fixed - CTGT	Mayo Clinic-Rochester	Marfan/TAAD syndrome, Loeys-Dietz syndrome, familial thoracic aortic aneurysms & dissections, and related disorders NGS panel - Fixed - CTGT	Any	Not Medically Necessary	0052 Genetic Testing for Hereditary and Multifactorial Conditions
MarrowSeq Panel Test	University of WA/Seattle Childen's Hospital	MarrowSeq Panel Test	Any	Not Medically Necessary	0052 Genetic Testing for Hereditary and Multifactorial Conditions
MaterniTGENOME	Sequenom	MaterniTGENOME	Any	Experimental, Investigational or Unproven	0514 Genetic Testing for Reproductive Carrier Screening and Prenatal Diagnosis
MCA (mucin-like cancer antigen)	Multiple	MCA (mucin-like cancer antigen)	Any	Not Medically Necessary	0520 Molecular Diagnostic Testing for Hematology/Oncology Indications
MCAM (melanoma cell adhesion molecule)	Multiple	MCAM (melanoma cell adhesion molecule)	Any	Not Medically Necessary	0520 Molecular Diagnostic Testing for Hematology/Oncology Indications
Medical Management Panel	D2 Genetics Laboratory	Medical Management Panel	Any	Not Medically Necessary	0500 Pharmacogenetic Testing
Medical Management Pharmacogenomic Panel	Insight Diagnostics	Medical Management Pharmacogenomic Panel	Any	Not Medically Necessary	0500 Pharmacogenetic Testing
Medical Management Test	Vantari Genetics/Pacific Genomics	Medical Management Test	Any	Not Medically Necessary	0500 Pharmacogenetic Testing
Medication DNA Insight	Pathway Genomics	Medication DNA Insight	Any	Not Medically Necessary	0500 Pharmacogenetic Testing
Megalencephaly Panel	Seattle Children's Hospital	Megalencephaly Panel	Any	Not Medically Necessary	0052 Genetic Testing for Hereditary and Multifactorial Conditions
MelanomaNext (8 genes)	Ambry Genetics	MelanomaNext (8 genes)	Any	Not Medically Necessary	0518 Genetic Testing for Hereditary Cancer Susceptibility Syndromes
MELARIS®	Myriad Genetics, Inc.	MELARIS®	Any	Not Medically Necessary	0520 Molecular Diagnostic Testing for Hematology/Oncology Indications

Mental Health DNA Insight™	Pathway Genomics	Mental Health DNA Insight™	Any	Not Medically Necessary	0500 Pharmacogenetic Testing
Metabolic Myopathies, Rhabdomyolysis, Exercise Intolerance Sequencing Panel	Prevention Genetics	Metabolic Myopathies, Rhabdomyolysis, Exercise Intolerance Sequencing Panel	Any	Not Medically Necessary	0052 Genetic Testing for Hereditary and Multifactorial Conditions
Microcephaly Sequencing Panel	University of Chicago Genetics Services Laboratories	Microcephaly Sequencing Panel	Any	Not Medically Necessary	0052 Genetic Testing for Hereditary and Multifactorial Conditions
Millennium PGT	Millennium Health	Millennium PGT	Any	Not Medically Necessary	0500 Pharmacogenetic Testing
Mind.Px, Mindera	Mindera Corporation	Autoimmune (psoriasis), mRNA, nextgeneration sequencing, gene expression profiling of 50-100 genes, skin-surface collection using adhesive patch, algorithm reported as likelihood of response to psoriasis biologics	Any	Experimental, Investigational or Unproven	0500 Pharmacogenetic Testing
MindX Blood Test™ - Longevity	MindX Sciences	Longevity and mortality risk, mRNA, gene expression profiling by RNA sequencing of 18 genes, whole blood, algorithm reported as predictive risk score			0500 Pharmacogenetic Testing ; 0520 Tumor Profiling, Gene Expression Assays and Molecular Diagnostic Testing for Hematology/Oncology Indications
MindX Blood Test™ - Memory/Alzheimer's	MindX Sciences	Neurology (Alzheimer disease), mRNA, gene expression profiling by RNA sequencing of 24 genes, whole blood, algorithm reported as predictive risk score			0500 Pharmacogenetic Testing ; 0520 Tumor Profiling, Gene Expression Assays and Molecular Diagnostic Testing for Hematology/Oncology Indications
MindX Blood Test™ - Mood	MindX Sciences	Psychiatry (mood disorders), mRNA, gene expression profiling by RNA sequencing of 144 genes, whole blood, algorithm reported as predictive risk score			0500 Pharmacogenetic Testing ; 0520 Tumor Profiling, Gene Expression Assays and Molecular Diagnostic Testing for Hematology/Oncology Indications
MindX Blood Test™ - Pain	MindX Sciences	Pain management, mRNA, gene expression profiling by RNA sequencing of 36 genes, whole blood, algorithm reported as predictive risk score			0500 Pharmacogenetic Testing ; 0520 Tumor Profiling, Gene Expression Assays and Molecular Diagnostic Testing for Hematology/Oncology Indications
MindX Blood Test™ - Stress	MindX Sciences	Psychiatry (stress disorders), mRNA, gene expression profiling by RNA sequencing of 72 genes, whole blood, algorithm reported as predictive risk score			0500 Pharmacogenetic Testing ; 0520 Tumor Profiling, Gene Expression Assays and Molecular Diagnostic Testing

					for Hematology/Oncology Indications
MindX Blood Test™ - Suicidality	MindX Sciences	Psychiatry (suicidal ideation), mRNA, gene expression profiling by RNA sequencing of 54 genes, whole blood, algorithm reported as predictive risk score			0500 Pharmacogenetic Testing ; 0520 Tumor Profiling, Gene Expression Assays and Molecular Diagnostic Testing for Hematology/Oncology Indications
miR Sentinel™ Prostate Cancer Test	miR Scientific	Oncology (prostate), exosome-based analysis of 442 small noncoding RNAs (sncRNAs) by quantitative reverse transcription polymerase chain reaction (RT-qPCR), urine, reported as molecular evidence of no-, low-, intermediate- or high-risk of prostate cancer	Any	Experimental, Investigational or Unproven	0520 Molecular Diagnostic Testing for Hematology/Oncology Indications
miR-31now™	GoPath Laboratories	miR-31now™	Any	Experimental, Investigational or Unproven	0520 Molecular Diagnostic Testing for Hematology/Oncology Indications
miR-31now™, GoPath Laboratories	GoPath Laboratories	Oncology (colorectal), microRNA, RT-PCR expression profiling of miR-31-3p, formalinfixed paraffin-embedded tissue, algorithm reported as an expression score	Any	Not Medically Necessary	0520 Molecular Diagnostic Testing for Hematology/Oncology Indications
Mitochondrial Diseases: Sequencing Panel	Emory Genetics Laboratory	Mitochondrial Diseases: Sequencing Panel	Any	Not Medically Necessary	0052 Genetic Testing for Hereditary and Multifactorial Conditions
Mitochondrial Disorders Panel (mtDNA and 108 Nuclear Genes) Sequencing and Deletion/Duplication	ARUP Laboratories	Mitochondrial Disorders Panel (mtDNA and 108 Nuclear Genes) Sequencing and Deletion/Duplication	Any	Not Medically Necessary	0052 Genetic Testing for Hereditary and Multifactorial Conditions
MitoMED-Autism™	MEDomics™	MitoMED-Autism™	Any	Not Medically Necessary	0052 Genetic Testing for Hereditary and Multifactorial Conditions
Mitoseq PLUS	Religen		Any	Not Medically Necessary	0052 Genetic Testing for Hereditary and Multifactorial Conditions
Molecular Genetics Connective Tissue Panel	Oregon Health & Science Univ, Knight Diagnostic Laboratories	Molecular Genetics Connective Tissue Panel	Any	Not Medically Necessary	0052 Genetic Testing for Hereditary and Multifactorial Conditions
Molecular Microscope® MMDx—Heart	Kashi Clinical Laboratories	Cardiology (heart transplant), mRNA gene expression profiling by microarray of 1283 genes, transplant biopsy tissue, allograft rejection and injury algorithm reported as a probability score	Any	Experimental, Investigational or Unproven	0465 Laboratory Testing for Transplantation Rejection
Molecular Microscope® MMDx—Kidney,	Kashi Clinical Laboratories	Transplantation medicine (kidney allograft rejection), microarray gene expression profiling of 1494 genes, utilizing transplant biopsy tissue, algorithm reported as a probability score for rejection	Any	Experimental, Investigational or Unproven	0465 Laboratory Testing for Transplantation Rejection

Monoclonal Antimucin Antibody 17.1 (CAM 17.1)	Multiple	Monoclonal Antimucin Antibody 17.1 (CAM 17.1)	Any	Not Medically Necessary	0520 Molecular Diagnostic Testing for Hematology/Oncology Indications
Movement Disorder Panel	Center for Precision Diagnostics, University of Washington	Movement Disorder Panel	Any	Not Medically Necessary	0052 Genetic Testing for Hereditary and Multifactorial Conditions
mRNA CancerDetect™	Viome Life Sciences	Oncology (oral and/or oropharyngeal cancer), gene expression profiling by RNA sequencing at least 20 molecular features (eg, human and/or microbial mRNA), saliva, algorithm reported as positive or negative for signature associated with malignancy			0520 Molecular Diagnostic Testing for Hematology/Oncology Indications
Multi-Cancer Panel	Invitae	Multi-Cancer Panel	Any	Not Medically Necessary	0518 Genetic Testing for Hereditary Cancer Susceptibility Syndromes
Multigene Drug Sensitivity Panel	PGXL	Multigene Drug Sensitivity Panel	Any	Not Medically Necessary	0500 Pharmacogenetic Testing
Multiplex Tumor Panel	Colorado Molecular Correlates Laboratory	Multiplex Tumor Panel	Any	Not Medically Necessary	0520 Molecular Diagnostic Testing for Hematology/Oncology Indications
Muscular Dystrophy Advanced Evaluation	Athena Diagnostics	Muscular Dystrophy Advanced Evaluation	Any	Not Medically Necessary	0052 Genetic Testing for Hereditary and Multifactorial Conditions
MyMRD NGS Panel	Laboratory for Personalized Molecular Medicine	Targeted genomic sequence analysis panel, acute myeloid leukemia, myelodysplastic syndrome, and myeloproliferative neoplasms, DNA analysis, 23 genes, interrogation for sequence variants, rearrangements and minimal residual disease, reported as presence/absence			0520 Molecular Diagnostic Testing for Hematology/Oncology Indications
myPath® Melanoma,	Castle Biosciences	Oncology (cutaneous melanoma), mRNA gene expression profiling by RT-PCR of 23 genes (14 content and 9 housekeeping), utilizing formalin-fixed paraffin-embedded tissue, algorithm reported as a categorical result (ie, benign, indeterminate, malignant)	Any	Experimental, Investigational or Unproven	0520 Molecular Diagnostic Testing for Hematology/Oncology Indications
MyPRS (Myeloma Prognostic Risk Signature)	Signal Genetics	MyPRS (Myeloma Prognostic Risk Signature)	Any	Not Medically Necessary	0520 Molecular Diagnostic Testing for Hematology/Oncology Indications
myRisk™ Hereditary Cancer	Myriad Genetics, Inc.	myRisk™ Hereditary Cancer	Any	Not Medically Necessary	0518 Genetic Testing for Hereditary Cancer Susceptibility Syndromes
MyVantage™ Comprehensive Hereditary Cancer Panel	Quest Diagnostics™	MyVantage™ Comprehensive Hereditary Cancer Panel	Any	Not Medically Necessary	0518 Genetic Testing for Hereditary Cancer Susceptibility Syndromes
NantHealth GPS Cancer Somatic Test	Hospital For Children at IU Health	NantHealth GPS Cancer Somatic Test	Any	Not Medically Necessary	0520 Molecular Diagnostic Testing for

					Hematology/Oncology Indications
Narcotic/Opioid Risk Profile	PROOVE	Narcotic/Opioid Risk Profile	Any	Not Medically Necessary	0500 Pharmacogenetic Testing
NavDx	Naveris	Oncology (oropharyngeal), evaluation of 17 DNA biomarkers using droplet digital PCR (ddPCR), cell-free DNA, algorithm reported as a prognostic risk score for cancer recurrence	Any	Experimental, Investigational or Unproven	0520 Molecular Diagnostic Testing for Hematology/Oncology Indications
NeoLABTM Prostate Liquid Biopsy	NeoGenomics Laboratories	Oncology, prostate cancer, mRNA expression assay of 12 genes (10 content and 2 housekeeping), RT-PCR test utilizing blood plasma and/or urine, algorithms to predict high-grade prostate cancer risk	Any	Experimental, Investigational or Unproven	0520 Molecular Diagnostic Testing for Hematology/Oncology Indications
Nervous System/Brain Cancer Panel	Invitae	Nervous System/Brain Cancer Panel	Any	Not Medically Necessary	0518 Genetic Testing for Hereditary Cancer Susceptibility Syndromes
NETest®	Wren Laboratories, LLC	NETest®	Any	Not Medically Necessary	0520 Molecular Diagnostic Testing for Hematology/Oncology Indications
Neuro-developmental Expanded Panel	Ambry Genetics	Neuro-developmental Expanded Panel	Any	Not Medically Necessary	0052 Genetic Testing for Hereditary and Multifactorial Conditions
NeurolDgenetix	Althea Dx, Inc.	NeurolDgenetix	Any	Not Medically Necessary	0500 Pharmacogenetic Testing
Neuromuscular Disorder Panel	Center for Precision Diagnostics, University of Washington	Neuromuscular Disorder Panel	Any	Not Medically Necessary	0052 Genetic Testing for Hereditary and Multifactorial Conditions
Neuromuscular Disorders Panel (80 genes)	GeneDX	Neuromuscular Disorders Panel (80 genes)	Any	Not Medically Necessary	0052 Genetic Testing for Hereditary and Multifactorial Conditions
Neuromuscular NGS Panel	Fulgent Diagnostics	Neuromuscular NGS Panel	Any	Not Medically Necessary	0052 Genetic Testing for Hereditary and Multifactorial Conditions
Neuronal Migration Disorders Panel	Fulgent Diagnostics	Neuronal Migration Disorders Panel	Any	Not Medically Necessary	0052 Genetic Testing for Hereditary and Multifactorial Conditions
Neurotransmitter Metabolism Deficiency NextGen DNA Screening Panel	MNG Laboratories	Neurotransmitter Metabolism Deficiency NextGen DNA Screening Panel	Any	Not Medically Necessary	0052 Genetic Testing for Hereditary and Multifactorial Conditions
Nevome™	DermTech	Nevome™	Any	Experimental, Investigational or Unproven	0520 Molecular Diagnostic Testing for Hematology/Oncology Indications
NewBornGene ID	GeneID Laboratories	NewBornGene ID	Any	Not Medically Necessary	0514 Genetic Testing for Reproductive Carrier Screening and Prenatal Diagnosis

NewbornGene ID™	GeneID Advanced Molecular Diagnostics, LLC	NewbornGene ID™	Any	Not Medically Necessary	0514 Genetic Testing for Reproductive Carrier Screening and Prenatal Diagnosis
Next Health Genetics Panel - Pharmacogenetic	United Toxicology LLC	Next Health Genetics Panel - Pharmacogenetic	Any	Not Medically Necessary	0500 Pharmacogenetic Testing
NextStep Expanded Panel	Mount Sinai Genetic Testing New York NY	NextStep Expanded Panel	Any	Not Medically Necessary	0514 Genetic Testing for Reproductive Carrier Screening and Prenatal Diagnosis
NextStepDX Plus	Lineagen, Inc.	NextStepDX Plus	Any	Not Medically Necessary	0052 Genetic Testing for Hereditary and Multifactorial Conditions
NGS Epilepsy/Seizure Panel	Greenwood Genetic Center	NGS Epilepsy/Seizure Panel	Any	Not Medically Necessary	0052 Genetic Testing for Hereditary and Multifactorial Conditions
Nodify CDT	Biodesix, Inc.		Any	Experimental, Investigational or Unproven	0520 Molecular Diagnostic Testing for Hematology/Oncology Indications
Nodify XL2	Biodesix, Inc.		Any	Experimental, Investigational or Unproven	0520 Molecular Diagnostic Testing for Hematology/Oncology Indications
NPM1 MRD by NGS	LabPMM, LLC	NPM1 (nucleophosmin) (eg, acute myeloid leukemia) gene analysis, quantitative	Any	Not Medically Necessary	0520 Molecular Diagnostic Testing for Hematology/Oncology Indications
Nuclear Mitome Analysis	Transgenomic	Nuclear Mitome Analysis	Any	Not Medically Necessary	0052 Genetic Testing for Hereditary and Multifactorial Conditions
Nuclear Panel by Massively Parallel Sequencing-(BCM-MitomeNGSSM)	Baylor Medical Genetics Laboratories	Nuclear Panel by Massively Parallel Sequencing-(BCM-MitomeNGSSM)	Any	Not Medically Necessary	0052 Genetic Testing for Hereditary and Multifactorial Conditions
nucSEEK® Comprehensive Sequence Analysis Of The Nuclear Mitochondrial Exome	Courtagen Diagnostic Laboratory	nucSEEK® Comprehensive Sequence Analysis Of The Nuclear Mitochondrial Exome	Any	Not Medically Necessary	0052 Genetic Testing for Hereditary and Multifactorial Conditions
Nutrigenomic	Logix Diagnostic Labs	Nutrigenomic	Any	Not Medically Necessary	0500 Pharmacogenetic Testing
NxGen Ashkenazi Jewish Panel	NxGEN MDx	NxGen Ashkenazi Jewish Panel	Any	Not Medically Necessary	0514 Genetic Testing for Reproductive Carrier Screening and Prenatal Diagnosis
NxGen Super Panel	NxGEN MDx	NxGen Super Panel	Any	Not Medically Necessary	0514 Genetic Testing for Reproductive Carrier Screening and Prenatal Diagnosis
OmniGraf	Eurofins Transplant Genomics				0465 Laboratory Testing for Transplantation Rejection
OncoBEAM EGFR	Sysmex Inostics	OncoBEAM EGFR	Any	Not Medically Necessary	0520 Molecular Diagnostic Testing for Hematology/Oncology Indications

OncoPlex Somatic Panel for Uveal or Ocular Melanoma, Renal Cell Cancer, Desmoid Tumors, Primitive Neuroectodermal Tumor	Seattle Cancer Care Alliance	OncoPlex Somatic Panel for Uveal or Ocular Melanoma, Renal Cell Cancer, Desmoid Tumors, Primitive Neuroectodermal Tumor	Any	Not Medically Necessary	0520 Molecular Diagnostic Testing for Hematology/Oncology Indications
OncoSignal 7 Pathway Signal,	Protean BioDiagnostics, Philips Electronics Nederland BV	Oncology (solid tumor), gene expression profiling by real-time RT-PCR of 7 gene pathways (ER, AR, PI3K, MAPK, HH, TGFB, Notch), formalin-fixed paraffinembedded (FFPE), algorithm reported as gene pathway activity score	Any	Experimental, Investigational or Unproven	0520 Molecular Diagnostic Testing for Hematology/Oncology Indications
OncoTarget/OncoTreat	Columbia University Department of Pathology and Cell Biology; Darwin Health.	Oncology, RNA, gene expression by whole transcriptome sequencing, formalin-fixed paraffin embedded tissue or fresh frozen tissue, predictive algorithm reported as potential targets for therapeutic agents	Any	Experimental, Investigational or Unproven	0520 Molecular Diagnostic Testing for Hematology/Oncology Indications
Oncotype DX Colon Cancer Assay	Genomic Health		Any	Experimental, Investigational or Unproven	0520 Molecular Diagnostic Testing for Hematology/Oncology Indications
Oncotype DX® Breast Cancer Assay for DCIS (AKA Oncotype DX Breast DCIS Score, AKA OncotypeDX for DCIS (Ductal Carcinoma In Situ) Stage 0 Pre-Invasive Breast Cancer	Genomic Health©	Oncotype DX® Breast Cancer Assay for DCIS (AKA Oncotype DX Breast DCIS Score, AKA OncotypeDX for DCIS (Ductal Carcinoma In Situ) Stage 0 Pre-Invasive Breast Cancer	Any	Experimental, Investigational or Unproven	0520 Molecular Diagnostic Testing for Hematology/Oncology Indications
Oncotype DX® Breast DCIS Score™ Test, Genomic Health, Inc	Genomic Health, Inc	Oncology (breast ductal carcinoma in situ), mRNA, gene expression profiling by realtime RT-PCR of 12 genes (7 content and 5 housekeeping), utilizing formalin-fixed paraffin-embedded tissue, algorithm reported as recurrence score	Any	Experimental, Investigational or Unproven	0520 Molecular Diagnostic Testing for Hematology/Oncology Indications
OncoVue® Breast Cancer Risk Test	Intergenetics®	OncoVue® Breast Cancer Risk Test	Any	Not Medically Necessary	0518 Genetic Testing for Hereditary Cancer Susceptibility Syndromes
OneCheck Plus Genomic Test	Bio-Reference Laboratories, Inc.	OneCheck Plus Genomic Test	Any	Not Medically Necessary	0520 Molecular Diagnostic Testing for Hematology/Oncology Indications
OneOme Pharmocogenetic Gene Panel	Mayo Medical Laboratories	OneOme Pharmocogenetic Gene Panel	Any	Not Medically Necessary	0500 Pharmacogenetic Testing
OPN (osteopontin)	Multiple	OPN (osteopontin)	Any	Not Medically Necessary	0520 Molecular Diagnostic Testing for Hematology/Oncology Indications
OvariGENE	OvaGene Oncology	OvariGENE	Any	Not Medically Necessary	0520 Molecular Diagnostic Testing for Hematology/Oncology Indications
OvaTox	OvaGene Oncology	OvaTox	Any	Not Medically Necessary	0520 Molecular Diagnostic Testing for Hematology/Oncology Indications
Overgrowth and Macrocephaly Syndromes Panel	Invitae	Overgrowth and Macrocephaly Syndromes Panel	Any	Not Medically Necessary	0052 Genetic Testing for Hereditary and Multifactorial Conditions

P53 (monoclonal antibody)	Multiple	P53 (monoclonal antibody)	Any	Not Medically Necessary	0520 Molecular Diagnostic Testing for Hematology/Oncology Indications
Pain Management Panel	AIBio Tech	Pain Management Panel	Any	Not Medically Necessary	0500 Pharmacogenetic Testing
Pain Management Panel	Exceltox Laboratories	Pain Management Panel	Any	Not Medically Necessary	0500 Pharmacogenetic Testing
Pain Management Panel	Fortis Lab LLC	Pain Management Panel	Any	Not Medically Necessary	0500 Pharmacogenetic Testing
Pain Management Panel	X-Gene Diagnostics	Pain Management Panel	Any	Not Medically Necessary	0500 Pharmacogenetic Testing
Pain Medication DNA Insight	Pathway Genomics	Pain Medication DNA Insight	Any	Not Medically Necessary	0500 Pharmacogenetic Testing
Pain Medication Metabolism Test	MD Tox Laboratories	Pain Medication Metabolism Test	Any	Not Medically Necessary	0500 Pharmacogenetic Testing
Pain Panel	Alpha Genomix Laboratories	Pain Panel	Any	Not Medically Necessary	0500 Pharmacogenetic Testing
Pain Panel	Ascendant Laboratory Services	Pain Panel	Any	Not Medically Necessary	0500 Pharmacogenetic Testing
Pan Cardiomyopathy (92 genes) Deletion/Duplication Panel	Baylor Medical Genetics Laboratories	Pan Cardiomyopathy (92 genes) Deletion/Duplication Panel	Any	Not Medically Necessary	0517 Genetic Testing for Hereditary Cardiomyopathies and Arrhythmias
Pan Cardiomyopathy (92 genes) NGS Panel	Baylor Medical Genetics Laboratories	Pan Cardiomyopathy (92 genes) NGS Panel	Any	Not Medically Necessary	0517 Genetic Testing for Hereditary Cardiomyopathies and Arrhythmias
Pan Cardiomyopathy Panel	Laboratory for Molecular Medicine - Harvard	Pan Cardiomyopathy Panel	Any	Not Medically Necessary	0517 Genetic Testing for Hereditary Cardiomyopathies and Arrhythmias
Pan Cardiomyopathy Panel	Seattle Children's Hospital	Pan Cardiomyopathy Panel	Any	Not Medically Necessary	0517 Genetic Testing for Hereditary Cardiomyopathies and Arrhythmias
Pan-Cardio Panel	Fulgent	Pan-Cardio Panel	Any	Not Medically Necessary	0517 Genetic Testing for Hereditary Cardiomyopathies and Arrhythmias
PancraGen (AKA PathFinderTG Pancreas)	Interpace Diagnostics	Pancragen	Any	Experimental, Investigational or Unproven	0520 Molecular Diagnostic Testing for Hematology/Oncology Indications
PancreasDX	Ariel Precision Med	PancreasDX	Any	Not Medically Necessary	0052 Genetic Testing for Hereditary and Multifactorial Conditions
PancreaSeq® Genomic Classifier	University of Pittsburgh Medical Center	Oncology (pancreas), DNA and mRNA next-generation sequencing analysis of 74 genes and analysis of CEA (CEACAM5) gene expression, pancreatic cyst fluid, algorithm reported as a categorical result (ie, negative, low probability of neoplasia or positive, high probability of neoplasia)			0520 Molecular Diagnostic Testing for Hematology/Oncology Indications

Pancreatic Cancer Panel	Counsyl	Pancreatic Cancer Panel	Any	Not Medically Necessary	0518 Genetic Testing for Hereditary Cancer Susceptibility Syndromes
Pancreatic Cancer Panel	GeneDX	Pancreatic Cancer Panel	Any	Not Medically Necessary	0518 Genetic Testing for Hereditary Cancer Susceptibility Syndromes
PanGIA Prostate	Genetics Institute of America, Entopsis	Oncology (prostate), multianalyte molecular profile by photometric detection of macromolecules adsorbed on nanosponge array slides with machine learning, utilizing first morning voided urine, algorithm reported as likelihood of prostate cancer	Any	Experimental, Investigational or Unproven	0520 Molecular Diagnostic Testing for Hematology/Oncology Indications
Panorama® Twin Zygosity	Natera, Inc	Twin zygosity, genomic targeted sequence analysis of chromosome 2, using circulating cell-free fetal DNA in maternal blood	Any	Not Medically Necessary	0514 Genetic Testing for Reproductive Carrier Screening and Prenatal Diagnosis
PathFinderTG Pancreas (AKA PancraGen)	Interpace Diagnostics	PathFinderTG Pancreas (AKA PancraGen)	Any	Experimental, Investigational or Unproven	0520 Molecular Diagnostic Testing for Hematology/Oncology Indications
Pathway Fit	Pathway Genomics	Pathway Fit	Any	Not Medically Necessary	0500 Pharmacogenetic Testing
Pathwork® Tissue of Origin Test	Pathwork Diagnostics.	Oncology (tissue of origin), microarray gene expression profiling of > 2000 genes, utilizing formalin-fixed paraffin-embedded tissue, algorithm reported as tissue similarity scores	Any	Experimental, Investigational or Unproven	0520 Molecular Diagnostic Testing for Hematology/Oncology Indications
Pediatric Neurology Region of Interest Trio for Neuromuscular Disorders	Claritas Genomics	Pediatric Neurology Region of Interest Trio for Neuromuscular Disorders	Any	Not Medically Necessary	0052 Genetic Testing for Hereditary and Multifactorial Conditions
Percepta Bronchial Genomic Classifier	Veracyte, Inc	+RNAinsight™ for GYNPlus®, Ambry Genetics	Any	Experimental, Investigational or Unproven	0520 Molecular Diagnostic Testing for Hematology/Oncology Indications
Periodic Fever/Autoinflammatory Disorders NGS Panel	Fulgent Therapeutics	Periodic Fever/Autoinflammatory Disorders NGS Panel	Any	Not Medically Necessary	0052 Genetic Testing for Hereditary and Multifactorial Conditions
PerioPredict® (AKA Ilustra Genetic Risk Test)	Interleukin Genetics	PerioPredict® (AKA Ilustra Genetic Risk Test)	Any	Not Medically Necessary	0052 Genetic Testing for Hereditary and Multifactorial Conditions
Personalized Medication Panel	UpFront Laboratories	Personalized Medication Panel	Any	Not Medically Necessary	0500 Pharmacogenetic Testing
Personalized Medicine Panel	Alpha Genomix	Alpha Genomix Personalized Medicine Panel	Any	Not Medically Necessary	0500 Pharmacogenetic Testing
Personalized Medicine Panel	AIBio Tech	Personalized Medicine Panel	Any	Not Medically Necessary	0500 Pharmacogenetic Testing
Personalized Medicine Panel	Alpha Genomics	Personalized Medicine Panel	Any	Not Medically Necessary	0500 Pharmacogenetic Testing
Personalized Medicine Panel	Genetworx	Personalized Medicine Panel	Any	Not Medically Necessary	0500 Pharmacogenetic Testing

Personalized Pharmacogenomics Evaluation	CompanionDX	Personalized Pharmacogenomics Evaluation	Any	Not Medically Necessary	0500 Pharmacogenetic Testing
PGT test /Millennium PGT	Millennium Health, LLC	PGT test /Millennium PGT	Any	Not Medically Necessary	0500 Pharmacogenetic Testing
PGX Comprehensive Pharmacogenetic Panel	Cequentia	PGX Comprehensive Pharmacogenetic Panel	Any	Not Medically Necessary	0500 Pharmacogenetic Testing
PGx Pharmacogenetic Panel	Lineagen, Inc.	PGx Pharmacogenetic Panel	Any	Not Medically Necessary	0500 Pharmacogenetic Testing
PGXCardio	Admera Health	PGXCardio	Any	Not Medically Necessary	0500 Pharmacogenetic Testing
PGxl Multi-Drug Sensitivity Panel	PGXL Laboratories	PGxl Multi-Drug Sensitivity Panel	Any	Not Medically Necessary	0500 Pharmacogenetic Testing
PGXOnco	Amera Health	PGXOnco	Any	Not Medically Necessary	0500 Pharmacogenetic Testing
PGxOne Plus Pharmacogenomics Test	Admera Health	PGxOne Plus Pharmacogenomics Test	Any	Not Medically Necessary	0500 Pharmacogenetic Testing
PGXPsych	Admera Health	PGXPsych	Any	Not Medically Necessary	0500 Pharmacogenetic Testing
PharmacoDx	GeneDx	PharmacoDx	Any	Not Medically Necessary	0500 Pharmacogenetic Testing
Pharmacogenetic Comprehensive, Oral Swab	Empire City Laboratories	Pharmacogenetic Comprehensive, Oral Swab	Any	Not Medically Necessary	0500 Pharmacogenetic Testing
Pharmacogenetic Medical Management Panel	High Desert Diagnostic Laboratory	Pharmacogenetic Medical Management Panel	Any	Not Medically Necessary	0500 Pharmacogenetic Testing
Pharmacogenetic Panel	El Paso Pain Clinic	Pharmacogenetic Panel	Any	Not Medically Necessary	0500 Pharmacogenetic Testing
Pharmacogenetic Panel	Lineagen, Inc.	Pharmacogenetic Panel	Any	Not Medically Necessary	0500 Pharmacogenetic Testing
Pharmacogenetic Panel	MCI Diagnostic Center and Laboratories	Pharmacogenetic Panel	Any	Not Medically Necessary	0500 Pharmacogenetic Testing
Pharmacogenetic Panel	MD Labs	Pharmacogenetic Panel	Any	Not Medically Necessary	0500 Pharmacogenetic Testing
Pharmacogenetic Panel	Premier Genomics	Pharmacogenetic Panel	Any	Not Medically Necessary	0500 Pharmacogenetic Testing
Pharmacogenetic Panel	Vantari Genetics	Pharmacogenetic Panel	Any	Not Medically Necessary	0500 Pharmacogenetic Testing
Pharmacogenetic Panel	X-Gene Diagnostics	Pharmacogenetic Panel	Any	Not Medically Necessary	0500 Pharmacogenetic Testing
Pharmacogenetics Comprehensive Panel	Gulfstream Genomics, LLC	Pharmacogenetics Comprehensive Panel	Any	Not Medically Necessary	0500 Pharmacogenetic Testing
Pharmacogenetics Panel	Gulfstream Diagnositics	Pharmacogenetics Panel	Any	Not Medically Necessary	0500 Pharmacogenetic Testing
Pharmacogenetics Panel	Predictive Medical Solutions	Pharmacogenetics Panel	Any	Not Medically Necessary	0500 Pharmacogenetic Testing
Pharmacogenomic Comprehensive Panel	NRLBH	Pharmacogenomic Comprehensive Panel	Any	Not Medically Necessary	0500 Pharmacogenetic Testing
Pharmacogenomic Drug Metabolism Panel	Kailos Genetics	Pharmacogenomic Drug Metabolism Panel	Any	Not Medically Necessary	0500 Pharmacogenetic Testing

Pharmacogenomic Individual Genes	MD Labs	Pharmacogenomic Individual Genes	Any	Not Medically Necessary	0500 Pharmacogenetic Testing
Pharmacogenomic Panel	G6 Genomics LLC	Pharmacogenomic Panel	Any	Not Medically Necessary	0500 Pharmacogenetic Testing
Pharmacogenomic Panel	Premier Pathology LLC	Pharmacogenomic Panel	Any	Not Medically Necessary	0500 Pharmacogenetic Testing
Pharmacogenomic Panel	Tennessee Valley Pain Clinic	Pharmacogenomic Panel	Any	Not Medically Necessary	0500 Pharmacogenetic Testing
Pharmacogenomic Panel/Compehensive Pharmacogenetic Testing Panel	UTC Labs	Pharmacogenomic Panel/Compehensive Pharmacogenetic Testing Panel	Any	Not Medically Necessary	0500 Pharmacogenetic Testing
Pharmacogenomic Panel/Comprehensive Pharmacogenetic Testing Panel	Medical DNA Labs	Pharmacogenomic Panel/Comprehensive Pharmacogenetic Testing Panel	Any	Not Medically Necessary	0500 Pharmacogenetic Testing
Pharmacogenomic-Comprehensive Panel	Pathnostics	Pharmacogenomic-Comprehensive Panel	Any	Not Medically Necessary	0500 Pharmacogenetic Testing
Pharmacogenomics Assay	Pathnostics Life Technologies	Pharmacogenomics Assay	Any	Not Medically Necessary	0500 Pharmacogenetic Testing
Pharmacogenomics Panel	Absolute Diagnostics, LLC	Pharmacogenomics Panel	Any	Not Medically Necessary	0500 Pharmacogenetic Testing
PharmacoScan Pharmacogenomic Testing	RPRD Diagnostics	PharmacoScan Pharmacogenomic Testing	Any	Not Medically Necessary	0500 Pharmacogenetic Testing
PharmaRisk Cardiac	Affiliated Genetics	PharmaRisk Cardiac	Any	Not Medically Necessary	0500 Pharmacogenetic Testing
PharmaRisk Expanded	Affiliated Genetics	PharmaRisk Expanded	Any	Not Medically Necessary	0500 Pharmacogenetic Testing
Pigmented Lesion Assay (PLA)	DermTech	Oncology (melanoma), gene expression profiling by RTqPCR, PRAME and LINC00518, superficial collection using adhesive patch(es)	Any	Experimental, Investigational or Unproven	0520 Molecular Diagnostic Testing for Hematology/Oncology Indications
P-LAP	Multiple	P-LAP	Any	Not Medically Necessary	0520 Molecular Diagnostic Testing for Hematology/Oncology Indications
PLAPlus	Dermtech		Any	Not Medically Necessary	0520 Molecular Diagnostic Testing for Hematology/Oncology Indications
POC (Products of Conception	Igenomix	Fetal aneuploidy short tandem–repeat comparative analysis, fetal DNA from products of conception, reported as normal (euploidy), monosomy, trisomy, or partial deletion/duplications, mosaicism, and segmental aneuploidy	Any	Experimental, Investigational or Unproven	0514 Genetic Testing for Reproductive Carrier Screening and Prenatal Diagnosis
Post-OP PX®	Aureon® Biosciences	Post-OP PX®	Any	Not Medically Necessary	0520 Molecular Diagnostic Testing for Hematology/Oncology Indications
Praxis Somatic Combined Whole Genome Sequencing and Optical Genome Mapping	Praxis Genomics LLC	Oncology (pan tumor), whole genome sequencing and optical genome mapping of paired malignant and normal DNA specimens, fresh tissue, blood, or bone marrow, comparative sequence			0520 Molecular Diagnostic Testing for Hematology/Oncology Indications

		analyses and variant identification			
Praxis Somatic Optical Genome Mapping	Praxis Genomics LLC	Oncology (pan tumor), whole genome optical genome mapping of paired malignant and normal DNA specimens, fresh frozen tissue, blood, or bone marrow, comparative structural variant identification			0520 Molecular Diagnostic Testing for Hematology/Oncology Indications
Praxis Somatic Transcriptome	Praxis Genomics LLC	Oncology (pan tumor), whole transcriptome sequencing of paired malignant and normal RNA specimens, fresh or formalin-fixed paraffin-embedded (FFPE) tissue, blood or bone marrow, comparative sequence analyses and expression level and chimeric transcript identification			0520 Molecular Diagnostic Testing for Hematology/Oncology Indications
Praxis Somatic Whole Genome Sequencing	Praxis Genomics LLC	Oncology (pan tumor), whole genome sequencing of paired malignant and normal DNA specimens, fresh or formalinfixed paraffin-embedded (FFPE) tissue, blood or bone marrow, comparative sequence analyses and variant identification			0520 Molecular Diagnostic Testing for Hematology/Oncology Indications
Praxix Combined Whole Genome Sequencing and Optical Genome Mapping	Praxis Genomics LLC	Rare constitutional and other heritable disorders, identification of copy number variations, inversions, insertions, translocations, and other structural variants by optical genome mapping and whole genome sequencing	Any	Experimental, Investigational or Unproven	0519 Whole Exome and Whole Genome Sequencing
Praxix Optical Genome Mapping	Praxis Genomics LLC	Rare diseases (constitutional/heritable disorders), identification of copy number variations, inversions, insertions, translocations, and other structural variants by optical genome mapping	Any	Experimental, Investigational or Unproven	0519 Whole Exome and Whole Genome Sequencing
Praxix Transcriptome	Praxis Genomics LLC	Unexplained constitutional or other heritable disorders or syndromes, tissuespecific gene expression by wholetranscriptome and next-generation sequencing, blood, formalin-fixed paraffinembedded (FFPE) tissue or fresh frozen tissue, reported as presence or absence of splicing or expression changes	Any	Experimental, Investigational or Unproven	0519 Whole Exome and Whole Genome Sequencing
PreciseType	Immucor, Inc	Red blood cell antigen typing, DNA, human erythrocyte antigen gene analysis of 35 antigens from 11 blood groups, utilizing whole blood, common RBC alleles reported	Any	Not Medically Necessary	0052 Genetic Testing for Hereditary and Multifactorial Conditions
PreciseType HEA	Immucor	PreciseType HEA	Any	Not Medically Necessary	0052 Genetic Testing for Hereditary and Multifactorial Conditions
Precision Comprehensive Panel	Proteus	Precision Comprehensive Panel	Any	Not Medically necessary	0500 Pharmacogenetic Testing

PredictSURE IBDTM Test		Autoimmune (inflammatory bowel disease), mRNA, gene expression profiling by quantitative RT-PCR, 17 genes (15 target and 2 reference genes), whole blood, reported as a continuous risk score and classification of inflammatory	Any	Experimental, Investigational or Unproven	0121 Serological Testing for Inflammatory Bowel Disease
Premier Genomics Comprehensive Pharmacogenomic Panel	Premier Genomics	Premier Genomics Comprehensive Pharmacogenomic Panel	Any	Not Medically Necessary	0500 Pharmacogenetic Testing
Preparent Exon Test	Progenity	+RNAinsight™ for ColoNext®, Ambry Genetics	Any	Not Medically Necessary	0518 Genetic Testing for Hereditary Cancer Susceptibility Syndromes
Preparent™ Carrier Screen - Global Panel	Progenity	Preparent™ Carrier Screen - Global Panel	Any	Not Medically Necessary	0514 Genetic Testing for Reproductive Carrier Screening and Prenatal Diagnosis
Preparent™ Carrier Screening Standard Panel	Progenity	Preparent™ Carrier Screening Standard Panel	Any	Not Medically Necessary	0514 Genetic Testing for Reproductive Carrier Screening and Prenatal Diagnosis
PreSeek™	Baylor Miraca Genetics Laboratories	PreSeek™	Any	Not Medically Necessary	0514 Genetic Testing for Reproductive Carrier Screening and Prenatal Diagnosis
Preventest	GeneID	Preventest	Any	Not Medically Necessary	0518 Genetic Testing for Hereditary Cancer Susceptibility Syndromes
Preventest (AKA GeneID Preventest)	United Toxicology LLC	Preventest (AKA GeneID Preventest)	Any	Not Medically Necessary	0518 Genetic Testing for Hereditary Cancer Susceptibility Syndromes
Preventest (AKA Hereditest)	Cancer Care Genetics	Preventest (AKA Hereditest)	Any	Not Medically Necessary	0518 Genetic Testing for Hereditary Cancer Susceptibility Syndromes
Primary Antibody Deficiency Panel	Primary Children's Health Laboratory, Intermountain Laboratory Services, ARUP	Primary Antibody Deficiency Panel	Any	Not Medically Necessary	0052 Genetic Testing for Hereditary and Multifactorial Conditions
Primary Immunodeficiency and Primary Ciliary Dyskinesia	BluePrint Genetics	Primary Immunodeficiency and Primary Ciliary Dyskinesia	Any	Not Medically Necessary	0052 Genetic Testing for Hereditary and Multifactorial Conditions
Primary Immunodeficiency Panel	Blueprint	Primary Immunodeficiency Panel	Any	Not Medically Necessary	0052 Genetic Testing for Hereditary and Multifactorial Conditions
Primary Immunodeficiency Panel	Invitae	Primary Immunodeficiency Panel	Any	Not Medically Necessary	0052 Genetic Testing for Hereditary and Multifactorial Conditions
Progressive Myoclonic Epilepsy Panel	GeneDX	Progressive Myoclonic Epilepsy Panel	Any	Not Medically Necessary	0052 Genetic Testing for Hereditary and Multifactorial Conditions
ProOnc MesotheliomaDx	Prometheus	ProOnc MesotheliomaDx	Any	Not Medically Necessary	0520 Molecular Diagnostic Testing for Hematology/Oncology Indications

ProOnc SquamousDx	Prometheus	ProOnc SquamousDx	Any	Not Medically Necessary	0520 Molecular Diagnostic Testing for Hematology/Oncology Indications
ProOnc TumorSourceDx	Prometheus	ProOnc TumorSourceDx	Any	Not Medically Necessary	0520 Molecular Diagnostic Testing for Hematology/Oncology Indications
PROOVE Addiction Profile	Proove Biosciences/Proove Med Lab, Inc.	PROOVE Addiction Profile	Any	Not Medically Necessary	0500 Pharmacogenetic Testing
PROOVE Comprehensive Profile	Proove Biosciences/Proove Med Lab, Inc.	PROOVE Comprehensive Profile	Any	Not Medically Necessary	0500 Pharmacogenetic Testing
PROOVE Drug Metabolism and Comprehensive Profile	Proove Biosciences/Proove Med Lab, Inc.	PROOVE Drug Metabolism and Comprehensive Profile	Any	Not Medically Necessary	0500 Pharmacogenetic Testing
PROOVE Fibromyalgia Profile	Proove Biosciences/Proove Med Lab, Inc.	PROOVE Fibromyalgia Profile	Any	Not Medically Necessary	0500 Pharmacogenetic Testing
PROOVE MAT Profile	Proove Biosciences/Proove Med Lab, Inc.	PROOVE MAT Profile	Any	Not Medically Necessary	0500 Pharmacogenetic Testing
PROOVE Non Opioid Response	Proove Biosciences/Proove Med Lab, Inc.	PROOVE Non Opioid Response	Any	Not Medically Necessary	0500 Pharmacogenetic Testing
PROOVE NSAID Risk Profile	Proove Biosciences/Proove Med Lab, Inc.	PROOVE NSAID Risk Profile	Any	Not Medically Necessary	0500 Pharmacogenetic Testing
PROOVE Opioid Risk and Response	Proove Biosciences/Proove Med Lab, Inc.	PROOVE Opioid Risk and Response	Any	Not Medically Necessary	0500 Pharmacogenetic Testing
PROOVE Pain Perception Profile	Proove Biosciences/Proove Med Lab, Inc.	PROOVE Pain Perception Profile	Any	Not Medically Necessary	0500 Pharmacogenetic Testing
PROOVE Psychiatric Profile	Proove Biosciences/Proove Med Lab, Inc.	PROOVE Psychiatric Profile	Any	Not Medically Necessary	0500 Pharmacogenetic Testing
PROOVE® Epidural w/Fentanyl Profile	Proove Biosciences/Proove Med Lab, Inc.	PROOVE® Epidural w/Fentanyl Profile	Any	Not Medically Necessary	0500 Pharmacogenetic Testing
PROOVE® Opioid-Induced Side Effects Panel	Proove Biosciences/Proove Med Lab, Inc.	PROOVE® Opioid-Induced Side Effects Panel	Any	Not Medically Necessary	0500 Pharmacogenetic Testing
PROOVE® Psychiatric Risk and Response Panel	Proove Biosciences/Proove Med Lab, Inc.	PROOVE® Psychiatric Risk and Response Panel	Any	Not Medically Necessary	0500 Pharmacogenetic Testing
PROOVE® Thromboembolism Profile Panel	Proove Biosciences/Proove Med Lab, Inc.	PROOVE® Thromboembolism Profile Panel	Any	Not Medically Necessary	0500 Pharmacogenetic Testing
PROOVE® TMD Profile Panel	Proove Biosciences/Proove Med Lab, Inc.	PROOVE® TMD Profile Panel	Any	Not Medically Necessary	0500 Pharmacogenetic Testing
Proportionate Short Stature/Small for Gestational Age Sequencing Panel	EGL Genetics	Proportionate Short Stature/Small for Gestational Age Sequencing Panel	Any	Not Medically Necessary	0052 Genetic Testing for Hereditary and Multifactorial Conditions
Prospera	Natera				0465 Laboratory Testing for Transplantation Rejection
Prostate Cancer Risk Panel	Mayo Clinic	Prostate Cancer Risk Panel	Any	Not Medically Necessary	0520 Molecular Diagnostic Testing for Hematology/Oncology Indications
Prostate Cancer Risk Panel, Mayo Clinic, Laboratory Developed Test	Mayo Clinic	Oncology (prostate cancer), FISH analysis of 4 genes (ASAP1, HDAC9, CHD1 and PTEN), needle biopsy specimen, algorithm reported	Any	Not Medically Necessary	0520 Molecular Diagnostic Testing for Hematology/Oncology Indications

		as probability of higher tumor grade			
Prostate Specific Antigen (PSA)	Multiple	ProstatePX+	Any	Not Medically Necessary	0520 Molecular Diagnostic Testing for Hematology/Oncology Indications
ProstatePX+	Aureon® Biosciences	ProstaVysion®	Any	Not Medically Necessary	0520 Molecular Diagnostic Testing for Hematology/Oncology Indications
ProstaVysion®	Bostwick Laboratories		Any	Not Medically Necessary	0520 Molecular Diagnostic Testing for Hematology/Oncology Indications
PSMA (prostate specific membrane antigen)	Multiple	PSMA (prostate specific membrane antigen)	Any	Not Medically Necessary	0520 Molecular Diagnostic Testing for Hematology/Oncology Indications
Psych HealthPGx Panel	RPRD Diagnostics	Psychiatry (ie, depression, anxiety), genomic analysis panel, includes variant analysis of 14 genes	Any	Experimental, Investigational or Unproven	0500 Pharmacogenetic Testing
PsychiaGene Panel	AlBio Tech (American International Biotechnology)	PsychiaGene Panel	Any	Not Medically Necessary	0500 Pharmacogenetic Testing
Psychiatric Dosing Panel	X-Gene Diagnostics	Psychiatric Dosing Panel	Any	Not Medically Necessary	0500 Pharmacogenetic Testing
Psychiatry/ADHD	Alpha Genomix Laboratories	Psychiatry/ADHD	Any	Not Medically Necessary	0500 Pharmacogenetic Testing
Psychiatry/ADHD	AmeriGene PGT	Psychiatry/ADHD	Any	Not Medically necessary	0500 Pharmacogenetic Testing
Qherit Expanded Carrier Screen	Quest Diagnostics	Qherit Expanded Carrier Screen	Any	Not Medically Necessary	0514 Genetic Testing for Reproductive Carrier Screening and Prenatal Diagnosis
RadTox™ cfDNA test	DiaCarta	Oncology, response to radiation, cell-free DNA, quantitative branched chain DNA amplification, plasma, reported as a radiation toxicity score			0520 Molecular Diagnostic Testing for Hematology/Oncology Indications
Randox KRAS, BRAF, PIK3CA* Array	Randox Laboratories, LTD	Randox KRAS, BRAF, PIK3CA* Array	Any	Not Medically Necessary	0520 Molecular Diagnostic Testing for Hematology/Oncology Indications
Rapid Heme Panel	Brigham and Women's Molecular Diagnostic Laboratory	Rapid Heme Panel	Any	Not Medically Necessary	0520 Molecular Diagnostic Testing for Hematology/Oncology Indications
Reliant™ Comprehensive and Expanded Cancer Screening Panels	Counsyl	Reliant™ Comprehensive and Expanded Cancer Screening Panels	Any	Not Medically Necessary	0518 Genetic Testing for Hereditary Cancer Susceptibility Syndromes
Renal Cancer Panel	GeneDX	Renal Cancer Panel	Any	Not Medically Necessary	0518 Genetic Testing for Hereditary Cancer Susceptibility Syndromes
Renal Panel	GeneDX	Renal Panel	Any	Not Medically Necessary	0518 Genetic Testing for Hereditary Cancer Susceptibility Syndromes

Renal/Urinary Tract Cancer Profile	Invitae	Renal/Urinary Tract Cancer Profile	Any	Not Medically Necessary	0518 Genetic Testing for Hereditary Cancer Susceptibility Syndromes
RenalNext (19 genes)	Ambry Genetics	RenalNext (19 genes)	Any	Not Medically Necessary	0518 Genetic Testing for Hereditary Cancer Susceptibility Syndromes
RESPONSEcardio	Lab Solutions	RESPONSEcardio	Any	Not Medically Necessary	0500 Pharmacogenetic Testing
RESPONSEpain	Lab Solutions	RESPONSEpain	Any	Not Medically Necessary	0500 Pharmacogenetic Testing
RESPONSEpsych/ADHD	Lab Solutions	RESPONSEpsych/ADHD	Any	Not Medically Necessary	0500 Pharmacogenetic Testing
Retinal Dystrophy Panel (Plus)	Blueprrnt Genetics	Retinal Dystrophy Panel (Plus)	Any	Not Medically Necessary	0052 Genetic Testing for Hereditary and Multifactorial Conditions
RhythmNext	Ambry Genetics	RhythmNext	Any	Not Medically Necessary	0517 Genetic Testing for Hereditary Cardiomyopathies and Arrhythmias
RhythmNext Reflex	Ambry Genetics	RhythmNext Reflex	Any	Not Medically Necessary	0517 Genetic Testing for Hereditary Cardiomyopathies and Arrhythmias
RightMed® Comprehensive Test	OneOme	Drug metabolism or processing (multiple conditions), whole blood or buccal specimen, DNA analysis, 27 gene report, with variant analysis, including reported phenotypes and impacted gene-drug interactions	Any	Not Medically Necessary	0500 Pharmacogenetic Testing
RightMed® Comprehensive Test Exclude F2 and F5	OneOme	Drug metabolism or processing (multiple conditions), whole blood or buccal specimen, DNA analysis, 25 gene report, with variant analysis and reported phenotypes	Any	Not Medically Necessary	0500 Pharmacogenetic Testing
RightMed® Gene Report	OneOme	Drug metabolism or processing (multiple conditions), whole blood or buccal specimen, DNA analysis, 27 gene report, with variant analysis and reported phenotypes	Any	Not Medically Necessary	0500 Pharmacogenetic Testing
RightMed® PGx16 Test	OneOme	Drug metabolism or processing (multiple conditions), whole blood or buccal specimen, DNA analysis, 16 gene report, with variant analysis and reported phenotypes	Any	Not Medically Necessary	0500 Pharmacogenetic Testing
Riscover Comprehensive Panel	Progenity	Riscover Comprehensive Panel	Any	Not Medically Necessary	0518 Genetic Testing for Hereditary Cancer Susceptibility Syndromes
ROMA™ (Risk of Ovarian Malignancy Algorithm)	Fujirebio Diagnostics Inc.	ROMA™ (Risk of Ovarian Malignancy Algorithm)	Any	Not Medically Necessary	0520 Molecular Diagnostic Testing for Hematology/Oncology Indications
RosettaGX Cancer Origin Test/Rosetta Cancer Origin Test™	Rosetta Genomics™	RosettaGX Cancer Origin Test/Rosetta Cancer Origin Test™	Any	Experimental, Investigation	0520 Molecular Diagnostic Testing for

				al or Unproven	Hematology/Oncology Indications
Rotterdam Signature 76-Panel	Multiple	Rotterdam Signature 76-Panel	Any	Experimental, Investigational or Unproven	0520 Molecular Diagnostic Testing for Hematology/Oncology Indications
Sarcoma Panel	Invitae	Sarcoma Panel	Any	Not Medically Necessary	0518 Genetic Testing for Hereditary Cancer Susceptibility Syndromes
SCC-Ag (squamous cell carcinoma antigen)	Multiple	SCC-Ag (squamous cell carcinoma antigen)	Any	Not Medically Necessary	0520 Molecular Diagnostic Testing for Hematology/Oncology Indications
ScoliScore Transgenomic	Any	Scoliosis, DNA analysis of 53 single nucleotide polymorphisms	Any	Not Medically Necessary	0052 Genetic Testing for Hereditary and Multifactorial Conditions
Select Carrier Screen Mutation Information (Inheritest)	Shiel Medical Laboratory	Select Carrier Screen Mutation Information (Inheritest)	Any	Not Medically Necessary	0514 Genetic Testing for Reproductive Carrier Screening and Prenatal Diagnosis
SensiGene® RHD	Sequenom	SensiGene® RHD	Any	Not Medically Necessary	0514 Genetic Testing for Reproductive Carrier Screening and Prenatal Diagnosis
Sephardi-Mizrahi Jewish Carrier Screen	Mount Sinai Genomics/SEMA4	Sephardi-Mizrahi Jewish Carrier Screen	Any	Not Medically Necessary	0514 Genetic Testing for Reproductive Carrier Screening and Prenatal Diagnosis
Septin9 (SEPT9)	Multiple	SEPT9 (Septin9) (eg, colorectal cancer) methylation analysis	Any	Not Medically Necessary	0520 Molecular Diagnostic Testing for Hematology/Oncology Indications
Serotonin Receptor Genotype (HTR2A and HTR2C), Mayo Clinic	Mayo Clinic	HTR2A (5-hydroxytryptamine receptor 2A), HTR2C (5-hydroxytryptamine receptor 2C) (eg, citalopram metabolism) gene analysis, common variants (ie, HTR2A rs7997012 [c.614-2211T>C], HTR2C rs3813929 [c.-759C>T] and rs1414334 [c.551-3008C>G])	Any	Not Medically Necessary	0500 Pharmacogenetic Testing
Signatera	Natera	Oncology (pan-cancer), analysis of minimal residual disease (MRD) from plasma, with assays personalized to each patient based on prior next-generation sequencing of the patient's tumor and germline DNA, reported as absence or presence of MRD, with disease-burden correlation, if appropriate	Any		0520 Molecular Diagnostic Testing for Hematology/Oncology Indications
Single Cell Prenatal Diagnosis (SCPD) Test	Luna	Fetal aneuploidy DNA sequencing comparative analysis, fetal DNA from products of conception, reported as normal (euploidy), monosomy, trisomy, or partial deletion/duplication, mosaicism, and segmental aneuploidy	Any	Experimental, Investigational or Unproven	0514 Genetic Testing for Reproductive Carrier Screening and Prenatal Diagnosis
Skeletal Dysplasia Panel	GeneDx	Skeletal Dysplasia Panel	Any	Not Medically Necessary	0052 Genetic Testing for Hereditary and

					Multifactorial Conditions
SLEX (sialyl Lewis x-antigen)	Multiple	SLEX (sialyl Lewis x-antigen)	Any	Not Medically Necessary	0520 Molecular Diagnostic Testing for Hematology/Oncology Indications
SLX (sialyl X)	Multiple	SLX (sialyl X)	Any	Not Medically Necessary	0520 Molecular Diagnostic Testing for Hematology/Oncology Indications
SMART PGT-A	Igenomix		Any	Not Medically Necessary	0514 Genetic Testing for Reproductive Carrier Screening and Prenatal Diagnosis
SmartGenomics Complete Solid Tumor Profile	Associated Pathologists LLC-Mayo Medical Laboratories Genetics and Pharmacogenomics	SmartGenomics Complete Solid Tumor Profile	Any	Not Medically Necessary	0520 Molecular Diagnostic Testing for Hematology/Oncology Indications
SMASH™, New York Genome Center, Marvel Genomics™	Marvel Genomics™	Copy number (eg, intellectual disability, dysmorphology), sequence analysis	Any	Not Medically Necessary	0052 Genetic Testing for Hereditary and Multifactorial Conditions
Spondylo-Epi-Metaphyseal Dysplasias	Connective Tissue Gene Tests (CTGT)	Spondylo-Epi-Metaphyseal Dysplasias	Any	Not Medically Necessary	0052 Genetic Testing for Hereditary and Multifactorial Conditions
Spot-Light® HER2 CISH™	Invitragen Corp	Spot-Light® HER2 CISH™	Any	Not Medically Necessary	0520 Molecular Diagnostic Testing for Hematology/Oncology Indications
STAT Epilepsy Panel	GeneDX	STAT Epilepsy Panel	Any	Not Medically Necessary	0052 Genetic Testing for Hereditary and Multifactorial Conditions
Sunset Panel	Sunset Labs	Sunset Panel	Any	Not Medically Necessary	0500 Pharmacogenetic Testing
Super Plus Panel	NxGen MDx	Super Plus Panel	Any	Not Medically Necessary	0514 Genetic Testing for Reproductive Carrier Screening and Prenatal Diagnosis
SureGene Test for Antipsychotic and Antidepressant Response® Gene Panel (STAR2)	PGXL Laboratories	SureGene Test for Antipsychotic and Antidepressant Response® Gene Panel (STAR2)	Any	Not Medically Necessary	0500 Pharmacogenetic Testing
SureGene™	Clinical Reference® Laboratory	SureGene™	Any	Not Medically Necessary	0500 Pharmacogenetic Testing
Syndromic Macrocephaly Overgrowth Panel	GeneDx	Syndromic Macrocephaly Overgrowth Panel	Any	Not Medically Necessary	0052 Genetic Testing for Hereditary and Multifactorial Conditions
TA-90	Multiple	TA-90	Any	Not Medically Necessary	0520 Molecular Diagnostic Testing for Hematology/Oncology Indications
TAIHEART, TAI Diagnostics, Inc,	TAI Diagnostics, Inc	Cardiology (heart transplant), cell-free DNA, PCR assay of 96 DNA target sequences (94 single nucleotide polymorphism targets and two control targets), plasma	Any	Not Medically Necessary	0052 Genetic Testing for Hereditary and Multifactorial Conditions

TargetPrint®	Agendia	TargetPrint®	Any	Experimental, Investigational or Unproven	0520 Molecular Diagnostic Testing for Hematology/Oncology Indications
TATI (tumor-associated trypsin inhibitor)	Multiple	TATI (tumor-associated trypsin inhibitor)	Any	Not Medically Necessary	0520 Molecular Diagnostic Testing for Hematology/Oncology Indications
Tempus HRD Test	Tempus Labs	0	Any	Experimental, Investigational or Unproven	0520 Molecular Diagnostic Testing for Hematology/Oncology Indications
Tempus TO Test	Tempus Labs	0	Any	Experimental, Investigational or Unproven	0520 Molecular Diagnostic Testing for Hematology/Oncology Indications
TheraMap	Navican Genomics Inc	TheraMap	Any	Not Medically Necessary	0520 Molecular Diagnostic Testing for Hematology/Oncology Indications
TheraPrint™	Agendia	TheraPrint™	Any	Experimental, Investigational or Unproven	0520 Molecular Diagnostic Testing for Hematology/Oncology Indications
Theros H:I™	bioTheranostics	Theros H:I™	Any	Experimental, Investigational or Unproven	0520 Molecular Diagnostic Testing for Hematology/Oncology Indications
Thrombocytopenia Panel	Versiti Labs/Blood Center of Wisconsin	Thrombocytopenia Panel	Any	Not Medically Necessary	0052 Genetic Testing for Hereditary and Multifactorial Conditions
Thrombophilia IDgenetix	Althea DX Inc	Thrombophilia IDgenetix	Any	Not Medically Necessary	0500 Pharmacogenetic Testing
Thrombophilia Risk Factors	Southwest Laboratories	Thrombophilia Risk Factors	Any	Not Medically Necessary	0500 Pharmacogenetic Testing
Thyroid Cancer Panel	Invitae	Thyroid Cancer Panel	Any	Not Medically Necessary	0518 Genetic Testing for Hereditary Cancer Susceptibility Syndromes
Thyroid GuidePx	Protean BioDiagnostics	Oncology (papillary thyroid cancer), gene-expression profiling via targeted hybrid capture–enrichment RNA sequencing of 82 content genes and 10 housekeeping genes, formalin-fixed paraffin embedded (FFPE) tissue, algorithm reported as one of three molecular subtypes	Any	Experimental, Investigational or Unproven	0520 Molecular Diagnostic Testing for Hematology/Oncology Indications
ThyroSeq® CRC	CBLPath	Oncology (thyroid), DNA and mRNA, nextgeneration sequencing analysis of 112 genes, fine needle aspirate or formalinfixed paraffin-embedded (FFPE) tissue, algorithmic prediction of cancer recurrence, reported as a categorical risk result (low, intermediate, high)			0520 Molecular Diagnostic Testing for Hematology/Oncology Indications
Tissue of Origin Test (AKA ResponseDX: Tissue of Origin Test)	Cancer Genetics, Inc. (CGI)	Tissue of Origin Test (AKA ResponseDX: Tissue of Origin Test)	Any	Experimental, Investigational or Unproven	0520 Molecular Diagnostic Testing for Hematology/Oncology Indications

Total Blueprint Panel	Baylor Miraca Genetics Laboratories	Total Blueprint Panel	Any	Not Medically Necessary	0052 Genetic Testing for Hereditary and Multifactorial Conditions
TPA (tissue polypeptide antigen)	Multiple	TPA (tissue polypeptide antigen)	Any	Not Medically Necessary	0520 Molecular Diagnostic Testing for Hematology/Oncology Indications
TreatmentMAP Panel	Molecular Health	TreatmentMAP Panel	Any	Not Medically Necessary	0520 Molecular Diagnostic Testing for Hematology/Oncology Indications
Trio Whole Genome Sequencing	Baylor Miraca	Trio Whole Genome Sequencing	Any	Not Medically Necessary	0519 Whole Exome and Whole Genome Sequencing
True Health Panel	True Health Diagnostics	True Health Panel	Any	Not Medically Necessary	0052 Genetic Testing for Hereditary and Multifactorial Conditions
TruGraf	Eurofins Transplant Genomics				0465 Laboratory Testing for Transplantation Rejection
TruSight Cancer Predisposition panel	myGenomics/Science Exchange	TruSight Cancer Predisposition panel	Any	Not Medically Necessary	0518 Genetic Testing for Hereditary Cancer Susceptibility Syndromes
Tuteva	Verici Dx	Nephrology (renal transplant), RNA expression by select transcriptome sequencing, using posttransplant peripheral blood, algorithm reported as a risk score for acute cellular rejection			0465 Laboratory Testing for Transplantation Rejection
Twins Zygosity PLA	Natera	Twins Zygosity PLA	Any	Not Medically Necessary	0514 Genetic Testing for Reproductive Carrier Screening and Prenatal Diagnosis
Universal Carrier Panel	Insight Medical Genetics	Universal Carrier Panel	Any	Not Medically Necessary	0514 Genetic Testing for Reproductive Carrier Screening and Prenatal Diagnosis
Universal Genetic Test	Enzo Clinical Labs	Universal Genetic Test	Any	Not Medically Necessary	0514 Genetic Testing for Reproductive Carrier Screening and Prenatal Diagnosis
Universal Panel	NxGen MDx	Universal Panel	Any	Not Medically Necessary	0514 Genetic Testing for Reproductive Carrier Screening and Prenatal Diagnosis
Universal Panel 3.0 Expanded Carrier Screening	Insight Medical Genetics , LLC	Universal Panel 3.0 Expanded Carrier Screening	Any	Not Medically Necessary	0514 Genetic Testing for Reproductive Carrier Screening and Prenatal Diagnosis
Universal Panel plus Thrombophilias	Enzo Clinical Labs	Universal Panel plus Thrombophilias	Any	Not Medically Necessary	0514 Genetic Testing for Reproductive Carrier Screening and Prenatal Diagnosis
Universal Plus Genetics Test	Enzo Clinical Labs	Universal Plus Genetics Test	Any	Not Medically Necessary	0514 Genetic Testing for Reproductive Carrier Screening and Prenatal Diagnosis
UroloGene Panel	AIBio Tech	UroloGene Panel	Any	Not Medically Necessary	0500 Pharmacogenetic Testing

Uveal Melanoma Prognostic Test	LabCorp	Uveal Melanoma Prognostic Test	Any	Not Medically Necessary	0520 Molecular Diagnostic Testing for Hematology/Oncology Indications
Vectra DA	Transgenomic	Vectra DA	Any	Not Medically Necessary	0052 Genetic Testing for Hereditary and Multifactorial Conditions
Viracor TRAC	Any	Transplantation medicine, quantification of donor-derived cell-free DNA using whole genome next-generation sequencing, plasma, reported as percentage of donor-derived cell-free DNA in the total cell-free DNA	Any	Experimental, Investigational or Unproven	0465 Laboratory Testing for Transplantation Rejection
VistaSeq Hereditary Cancer Panel	LabCorp	VistaSeq Hereditary Cancer Panel	Any	Not Medically Necessary	0518 Genetic Testing for Hereditary Cancer Susceptibility Syndromes; 0500 Pharmacogenetic Testing
Vita Risk for Age-Related Macular Degeneration (AMD)	ArcticDx Inc	Vita Risk for Age-Related Macular Degeneration (AMD)	Any	Not Medically Necessary	0052 Genetic Testing for Hereditary and Multifactorial Conditions
Warfarin Response Genotype, Mayo Clinic	Mayo Clinic	Drug metabolism (warfarin drug response), targeted sequence analysis (ie, CYP2C9, CYP4F2, VKORC1, rs12777823)	Any	MNR	0500 Pharmacogenetic Testing
Womens Hereditary Cancer Assessment Panel and Comprehensive Pharmacogenetic Panel	Origen Laboratories	Womens Hereditary Cancer Assessment Panel and Comprehensive Pharmacogenetic Panel	Any	Not Medically Necessary	0518 Genetic Testing for Hereditary Cancer Susceptibility Syndromes; 0500 Pharmacogenetic Testing
Xpresys Lung	Integrated Diagnostics	Xpresys Lung	Any	Not Medically Necessary	0520 Molecular Diagnostic Testing for Hematology/Oncology Indications
YouScript Analgesic	Genelex Corporation	YouScript Analgesic	Any	Not Medically Necessary	0500 Pharmacogenetic Testing
YouScript Cardio	Genelex Corporation	YouScript Cardio	Any	Not Medically Necessary	0500 Pharmacogenetic Testing
YouScript Polypharmacy Basic	Genelex Corporation	YouScript Polypharmacy Basic	Any	Not Medically Necessary	0500 Pharmacogenetic Testing
YouScript Psychotrophic Plus	Genelex Corporation	YouScript Psychotrophic Plus	Any	Not Medically Necessary	0500 Pharmacogenetic Testing
YouScript® Personalized Prescribing System	Genelex Corporation	YouScript® Personalized Prescribing System	Any	Not Medically Necessary	0500 Pharmacogenetic Testing
		SensiGene®Fetal RHD Genotyping	Any	Not Medically Necessary	0514 Genetic Testing for Reproductive Carrier Screening and Prenatal Diagnosis
		RadioTox assay GeneID	Any	Not Medically Necessary	0500 Pharmacogenetic Testing