

# Health New England

The following codes are under management for members who have health benefits covered by Health New England, administered by eviCore healthcare.

## Lab Program Effective 10/13/2017

Procedure Code	Full Description	How Code is Managed- Commercial	How Code is Managed- Hospital Medicaid	How Code is Managed- Independent Lab Medicaid	How Code is Managed- Medicare	AMA Effective Date	Termination Date
	Legend: Requires Prior Authorization- Requests containing these codes should be submitted directly to eviCore						
81162	BRCA1 (BRCA1, DNA repair associated), BRCA2 (BRCA2, DNA repair associated) (eg, hereditary breast and ovarian cancer) gene analysis; full sequence analysis and full duplication/deletion analysis (ie, detection of large gene rearrangements)	Requires Prior Authorization	Requires Prior Authorization	Requires Prior Authorization	Requires Prior Authorization	01/01/16	None
81163	BRCA1 (BRCA1, DNA repair associated), BRCA2 (BRCA2, DNA repair associated) (eg, hereditary breast and ovarian cancer) gene analysis; full sequence analysis	Requires Prior Authorization	Requires Prior Authorization	Requires Prior Authorization	Requires Prior Authorization	01/01/19	None
81164	BRCA1 (BRCA1, DNA repair associated), BRCA2 (BRCA2, DNA repair associated) (eg, hereditary breast and ovarian cancer) gene analysis; full duplication/deletion analysis (ie, detection of large gene rearrangements)	Requires Prior Authorization	Requires Prior Authorization	Requires Prior Authorization	Requires Prior Authorization	01/01/19	None
81165	BRCA1 (BRCA1, DNA repair associated) (eg, hereditary breast and ovarian cancer) gene analysis; full sequence analysis	Requires Prior Authorization	Requires Prior Authorization	Requires Prior Authorization	Requires Prior Authorization	01/01/19	None
81166	BRCA1 (BRCA1, DNA repair associated) (eg, hereditary breast and ovarian cancer) gene analysis; full duplication/deletion analysis (ie, detection of large gene rearrangements)	Requires Prior Authorization	Requires Prior Authorization	Requires Prior Authorization	Requires Prior Authorization	01/01/19	None
81167	BRCA2 (BRCA2, DNA repair associated) (eg, hereditary breast and ovarian cancer) gene analysis; full duplication/deletion analysis (ie, detection of large gene rearrangements)	Requires Prior Authorization	Requires Prior Authorization	Requires Prior Authorization	Requires Prior Authorization	01/01/19	None
81173	AR (androgen receptor) (eg, spinal and bulbar muscular atrophy, Kennedy disease, X chromosome inactivation) gene analysis; full gene sequence	Requires Prior Authorization	Requires Prior Authorization	Requires Prior Authorization	Requires Prior Authorization	01/01/19	None
81174	AR (androgen receptor) (eg, spinal and bulbar muscular atrophy, Kennedy disease, X chromosome inactivation) gene analysis; known familial variant	Requires Prior Authorization	Requires Prior Authorization	Requires Prior Authorization	Requires Prior Authorization	01/01/19	None
81185	CACNA1A (calcium voltage-gated channel subunit alpha1 A) (eg, spinocerebellar ataxia) gene analysis; full gene sequence	Requires Prior Authorization	Requires Prior Authorization	Requires Prior Authorization	Requires Prior Authorization	01/01/19	None
81186	CACNA1A (calcium voltage-gated channel subunit alpha1 A) (eg, spinocerebellar ataxia) gene analysis; known familial variant	Requires Prior Authorization	Requires Prior Authorization	Requires Prior Authorization	Requires Prior Authorization	01/01/19	None
81189	CSTB (cystatin B) (eg, Unverricht-Lundborg disease) gene analysis; full gene sequence	Requires Prior Authorization	Requires Prior Authorization	Requires Prior Authorization	Requires Prior Authorization	01/01/19	None
81190	CSTB (cystatin B) (eg, Unverricht-Lundborg disease) gene analysis; known familial variant(s)	Requires Prior Authorization	Requires Prior Authorization	Requires Prior Authorization	Requires Prior Authorization	01/01/19	None
81195	Cytogenomic (genome-wide) analysis, hematologic malignancy, structural variants and copy number variants, optical genome mapping (OGM)	Requires Prior Authorization	Requires Prior Authorization	Requires Prior Authorization	Requires Prior Authorization	01/01/25	None
81201	APC (adenomatous polyposis coli) (eg, familial adenomatosis polyposis [FAP], attenuated FAP) gene analysis; full gene sequence	Requires Prior Authorization	Requires Prior Authorization	Requires Prior Authorization	Requires Prior Authorization	01/01/13	None
81202	APC (adenomatous polyposis coli) (eg, familial adenomatosis polyposis [FAP], attenuated FAP) gene analysis; known familial variants	Requires Prior Authorization	Requires Prior Authorization	Requires Prior Authorization	Requires Prior Authorization	01/01/13	None
81203	APC (adenomatous polyposis coli) (eg, familial adenomatosis polyposis [FAP], attenuated FAP) gene analysis; duplication/deletion variants	Requires Prior Authorization	Requires Prior Authorization	Requires Prior Authorization	Requires Prior Authorization	01/01/13	None
81212	BRCA1 (BRCA1, DNA repair associated), BRCA2 (BRCA2, DNA repair associated) (eg, hereditary breast and ovarian cancer) gene analysis; 185delAG, 5385insC, 6174delT variants	Requires Prior Authorization	Requires Prior Authorization	Requires Prior Authorization	Requires Prior Authorization	01/01/12	None
81215	BRCA1 (BRCA1, DNA repair associated) (eg, hereditary breast and ovarian cancer) gene analysis; known familial variant	Requires Prior Authorization	Requires Prior Authorization	Requires Prior Authorization	Requires Prior Authorization	01/01/12	None
81216	BRCA2 (BRCA2, DNA repair associated) (eg, hereditary breast and ovarian cancer) gene analysis; full sequence analysis	Requires Prior Authorization	Requires Prior Authorization	Requires Prior Authorization	Requires Prior Authorization	01/01/12	None
81217	BRCA2 (BRCA2, DNA repair associated) (eg, hereditary breast and ovarian cancer) gene analysis; known familial variant	Requires Prior Authorization	Requires Prior Authorization	Requires Prior Authorization	Requires Prior Authorization	01/01/12	None
81221	CFTR (cystic fibrosis transmembrane conductance regulator) (eg, cystic fibrosis) gene analysis; known familial variants	Requires Prior Authorization	Requires Prior Authorization	Requires Prior Authorization	Requires Prior Authorization	01/01/12	None
81222	CFTR (cystic fibrosis transmembrane conductance regulator) (eg, cystic fibrosis) gene analysis; duplication/deletion variants	Requires Prior Authorization	Requires Prior Authorization	Requires Prior Authorization	Requires Prior Authorization	01/01/12	None
81223	CFTR (cystic fibrosis transmembrane conductance regulator) (eg, cystic fibrosis) gene analysis; full gene sequence	Requires Prior Authorization	Requires Prior Authorization	Requires Prior Authorization	Requires Prior Authorization	01/01/12	None
81225	CYP2C19 (cytochrome P450, family 2, subfamily C, polypeptide 19) (eg, drug metabolism), gene analysis, common variants (eg, *2, *3, *4, *8, *17)	Requires Prior Authorization	Requires Prior Authorization	Requires Prior Authorization	Requires Prior Authorization	01/01/12	None
81226	CYP2D6 (cytochrome P450, family 2, subfamily D, polypeptide 6) (eg, drug metabolism), gene analysis, common variants (eg, *2, *3, *4, *5, *6, *9, *10, *11, *16, *19, *20, *35, *41, *1XN, *2XN, *3XN)	Requires Prior Authorization	Requires Prior Authorization	Requires Prior Authorization	Requires Prior Authorization	01/01/12	None
81227	CYP2C9 (cytochrome P450, family 2, subfamily C, polypeptide 9) (eg, drug metabolism), gene analysis, common variants (eg, *2, *3, *5, *6)	Requires Prior Authorization	Requires Prior Authorization	Requires Prior Authorization	Requires Prior Authorization	01/01/12	None
81228	Cytogenomic (genome-wide) analysis for constitutional chromosomal abnormalities; interrogation of genomic regions for copy number variants, comparative genomic hybridization [CGH] microarray analysis	Requires Prior Authorization	Requires Prior Authorization	Requires Prior Authorization	Requires Prior Authorization	01/01/12	None
81229	Cytogenomic (genome-wide) analysis for constitutional chromosomal abnormalities; interrogation of genomic regions for copy number and single nucleotide polymorphism (SNP) variants, comparative genomic hybridization [CGH] microarray analysis	Requires Prior Authorization	Requires Prior Authorization	Requires Prior Authorization	Requires Prior Authorization	01/01/12	None
81230	CYP3A4 (cytochrome P450 family 3 subfamily A member 4) (eg, drug metabolism), gene analysis, common variants (eg, *2, *22)	Requires Prior Authorization	Requires Prior Authorization	Requires Prior Authorization	Requires Prior Authorization	01/01/18	None
81231	CYP3A5 (cytochrome P450 family 3 subfamily A member 5) (eg, drug metabolism), gene analysis, common variants (eg, *2, *3, *4, *5, *6, *7)	Requires Prior Authorization	Requires Prior Authorization	Requires Prior Authorization	Requires Prior Authorization	01/01/18	None
81232	DPYD (dihydropyrimidine dehydrogenase) (eg, 5-fluorouracil/5-FU and capecitabine drug metabolism), gene analysis, common variants (eg, *2A, *4, *5, *6)	Requires Prior Authorization	Requires Prior Authorization	Requires Prior Authorization	Requires Prior Authorization	01/01/18	None
81238	F9 (coagulation factor IX) (eg, hemophilia B), full gene sequence	Requires Prior Authorization	Requires Prior Authorization	Requires Prior Authorization	Requires Prior Authorization	01/01/18	None
81248	GFPO (glucose-6-phosphate dehydrogenase) (eg, hemolytic anemia, jaundice), gene analysis; known familial variant(s)	Requires Prior Authorization	Requires Prior Authorization	Requires Prior Authorization	Requires Prior Authorization	01/01/18	None
81249	GFPO (glucose-6-phosphate dehydrogenase) (eg, hemolytic anemia, jaundice), gene analysis; full gene sequence	Requires Prior Authorization	Requires Prior Authorization	Requires Prior Authorization	Requires Prior Authorization	01/01/18	None
81252	GJB2 (gap junction protein, beta 2, 26kDa, connexin 26) (eg, nonsyndromic hearing loss) gene analysis; full gene sequence	Requires Prior Authorization	Requires Prior Authorization	Requires Prior Authorization	Requires Prior Authorization	01/01/13	None
81253	GJB2 (gap junction protein, beta 2, 26kDa, connexin 26) (eg, nonsyndromic hearing loss) gene analysis; known familial variants	Requires Prior Authorization	Requires Prior Authorization	Requires Prior Authorization	Requires Prior Authorization	01/01/13	None
81257	HBA1/HBA2 (alpha globin 1 and alpha globin 2) (eg, alpha thalassemia, Hb Bart hydrops fetalis syndrome, HbH disease), gene analysis; common deletions or variant (eg, Southeast Asian, Thai, Filipino, Mediterranean, alpha3.7, alpha4.2, alpha20.5, Constant Spring)	Requires Prior Authorization	Requires Prior Authorization	Requires Prior Authorization	Requires Prior Authorization	01/01/12	None
81258	HBA1/HBA2 (alpha globin 1 and alpha globin 2) (eg, alpha thalassemia, Hb Bart hydrops fetalis syndrome, HbH disease), gene analysis; known familial variant	Requires Prior Authorization	Requires Prior Authorization	Requires Prior Authorization	Requires Prior Authorization	01/01/18	None
81259	HBA1/HBA2 (alpha globin 1 and alpha globin 2) (eg, alpha thalassemia, Hb Bart hydrops fetalis syndrome, HbH disease), gene analysis; full gene sequence	Requires Prior Authorization	Requires Prior Authorization	Requires Prior Authorization	Requires Prior Authorization	01/01/18	None

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81269	HBA1/HBA2 (alpha globin 1 and alpha globin 2) (eg, alpha thalassemia, Hb Bart hydrops fetalis syndrome, HbH disease), gene analysis; duplication/deletion variants	Requires Prior Authorization	Requires Prior Authorization	Requires Prior Authorization	Requires Prior Authorization	01/01/18	None
81277	Cytogenomic neoplasia (genome-wide) microarray analysis, interrogation of genomic regions for copy number and loss-of-heterozygosity variants for chromosomal abnormalities	Requires Prior Authorization	Requires Prior Authorization	Requires Prior Authorization	Requires Prior Authorization	01/01/20	None
81283	IFNL3 (interferon, lambda 3) (eg, drug response), gene analysis, rs12979860 variant	Requires Prior Authorization	Requires Prior Authorization	Requires Prior Authorization	Requires Prior Authorization	01/01/18	None
81286	FXN (frataxin) (eg, Friedreich ataxia) gene analysis; full gene sequence	Requires Prior Authorization	Requires Prior Authorization	Requires Prior Authorization	Requires Prior Authorization	01/01/19	None
81289	FXN (frataxin) (eg, Friedreich ataxia) gene analysis; known familial variant(s)	Requires Prior Authorization	Requires Prior Authorization	Requires Prior Authorization	Requires Prior Authorization	01/01/19	None
81291	MTFRF (5,10-methylenetetrahydrofolate reductase) (eg, hereditary hypercoagulability) gene analysis, common variants (eg, 5771, 1286C)	Requires Prior Authorization	Requires Prior Authorization	Requires Prior Authorization	Requires Prior Authorization	01/01/12	None
81292	MLH1 (mutl, homolog 1, colon cancer, nonpolyposis type 2) (eg, hereditary non-polyposis colorectal cancer, Lynch syndrome) gene analysis; full sequence analysis	Requires Prior Authorization	Requires Prior Authorization	Requires Prior Authorization	Requires Prior Authorization	01/01/12	None
81293	MLH1 (mutl, homolog 1, colon cancer, nonpolyposis type 2) (eg, hereditary non-polyposis colorectal cancer, Lynch syndrome) gene analysis; known familial variants	Requires Prior Authorization	Requires Prior Authorization	Requires Prior Authorization	Requires Prior Authorization	01/01/12	None
81294	MLH1 (mutl, homolog 1, colon cancer, nonpolyposis type 2) (eg, hereditary non-polyposis colorectal cancer, Lynch syndrome) gene analysis; duplication/deletion variants	Requires Prior Authorization	Requires Prior Authorization	Requires Prior Authorization	Requires Prior Authorization	01/01/12	None
81295	MSH2 (mutS homolog 2, colon cancer, nonpolyposis type 1) (eg, hereditary non-polyposis colorectal cancer, Lynch syndrome) gene analysis; full sequence analysis	Requires Prior Authorization	Requires Prior Authorization	Requires Prior Authorization	Requires Prior Authorization	01/01/12	None
81296	MSH2 (mutS homolog 2, colon cancer, nonpolyposis type 1) (eg, hereditary non-polyposis colorectal cancer, Lynch syndrome) gene analysis; known familial variants	Requires Prior Authorization	Requires Prior Authorization	Requires Prior Authorization	Requires Prior Authorization	01/01/12	None
81297	MSH2 (mutS homolog 2, colon cancer, nonpolyposis type 1) (eg, hereditary non-polyposis colorectal cancer, Lynch syndrome) gene analysis; duplication/deletion variants	Requires Prior Authorization	Requires Prior Authorization	Requires Prior Authorization	Requires Prior Authorization	01/01/12	None
81298	MSH6 (mutS homolog 6 [E, coli]) (eg, hereditary non-polyposis colorectal cancer, Lynch syndrome) gene analysis; full sequence analysis	Requires Prior Authorization	Requires Prior Authorization	Requires Prior Authorization	Requires Prior Authorization	01/01/12	None
81299	MSH6 (mutS homolog 6 [E, coli]) (eg, hereditary non-polyposis colorectal cancer, Lynch syndrome) gene analysis; known familial variants	Requires Prior Authorization	Requires Prior Authorization	Requires Prior Authorization	Requires Prior Authorization	01/01/12	None
81300	MSH6 (mutS homolog 6 [E, coli]) (eg, hereditary non-polyposis colorectal cancer, Lynch syndrome) gene analysis; duplication/deletion variants	Requires Prior Authorization	Requires Prior Authorization	Requires Prior Authorization	Requires Prior Authorization	01/01/12	None
81302	MECP2 (methyl CpG binding protein 2) (eg, Rett syndrome) gene analysis; full sequence analysis	Requires Prior Authorization	Requires Prior Authorization	Requires Prior Authorization	Requires Prior Authorization	01/01/12	None
81303	MECP2 (methyl CpG binding protein 2) (eg, Rett syndrome) gene analysis; known familial variant	Requires Prior Authorization	Requires Prior Authorization	Requires Prior Authorization	Requires Prior Authorization	01/01/12	None
81304	MECP2 (methyl CpG binding protein 2) (eg, Rett syndrome) gene analysis; duplication/deletion variants	Requires Prior Authorization	Requires Prior Authorization	Requires Prior Authorization	Requires Prior Authorization	01/01/12	None
81306	NUDT15 (nudix hydrolase 15) (eg, drug metabolism) gene analysis, common variant(s) (eg, *2, *3, *4, *5, *6)	Requires Prior Authorization	Requires Prior Authorization	Requires Prior Authorization	Requires Prior Authorization	01/01/19	None
81307	PALB2 (partner and localizer of BRCA2) (eg, breast and pancreatic cancer) gene analysis; full gene sequence	Requires Prior Authorization	Requires Prior Authorization	Requires Prior Authorization	Requires Prior Authorization	01/01/20	None
81308	PALB2 (partner and localizer of BRCA2) (eg, breast and pancreatic cancer) gene analysis; known familial variant	Requires Prior Authorization	Requires Prior Authorization	Requires Prior Authorization	Requires Prior Authorization	01/01/20	None
81313	PCA3/KLK3 (prostate cancer antigen 3 [non-protein coding]/kallikrein-related peptidase 3 [prostate specific antigen]) ratio (eg, prostate cancer)	Requires Prior Authorization	Requires Prior Authorization	Requires Prior Authorization	Requires Prior Authorization	01/01/15	None
81317	PMS2 (postmeiotic segregation increased 2 [S. cerevisiae]) (eg, hereditary non-polyposis colorectal cancer, Lynch syndrome) gene analysis; full sequence analysis	Requires Prior Authorization	Requires Prior Authorization	Requires Prior Authorization	Requires Prior Authorization	01/01/12	None
81318	PMS2 (postmeiotic segregation increased 2 [S. cerevisiae]) (eg, hereditary non-polyposis colorectal cancer, Lynch syndrome) gene analysis; known familial variants	Requires Prior Authorization	Requires Prior Authorization	Requires Prior Authorization	Requires Prior Authorization	01/01/12	None
81319	PMS2 (postmeiotic segregation increased 2 [S. cerevisiae]) (eg, hereditary non-polyposis colorectal cancer, Lynch syndrome) gene analysis; duplication/deletion variants	Requires Prior Authorization	Requires Prior Authorization	Requires Prior Authorization	Requires Prior Authorization	01/01/12	None
81321	PTEN (phosphatase and tensin homolog) (eg, Cowden syndrome, PTEN hamartoma tumor syndrome) gene analysis; full sequence analysis	Requires Prior Authorization	Requires Prior Authorization	Requires Prior Authorization	Requires Prior Authorization	01/01/13	None
81322	PTEN (phosphatase and tensin homolog) (eg, Cowden syndrome, PTEN hamartoma tumor syndrome) gene analysis; known familial variant	Requires Prior Authorization	Requires Prior Authorization	Requires Prior Authorization	Requires Prior Authorization	01/01/13	None
81323	PTEN (phosphatase and tensin homolog) (eg, Cowden syndrome, PTEN hamartoma tumor syndrome) gene analysis; duplication/deletion variant	Requires Prior Authorization	Requires Prior Authorization	Requires Prior Authorization	Requires Prior Authorization	01/01/13	None
81325	PMP22 (peripheral myelin protein 22) (eg, Charcot-Marie-Tooth, hereditary neuropathy with liability to pressure palsies) gene analysis; full sequence analysis	Requires Prior Authorization	Requires Prior Authorization	Requires Prior Authorization	Requires Prior Authorization	01/01/13	None
81326	PMP22 (peripheral myelin protein 22) (eg, Charcot-Marie-Tooth, hereditary neuropathy with liability to pressure palsies) gene analysis; known familial variant	Requires Prior Authorization	Requires Prior Authorization	Requires Prior Authorization	Requires Prior Authorization	01/01/13	None
81327	SEPTIN7 (Septin7) (eg, colorectal cancer) promoter methylation analysis	Requires Prior Authorization	Requires Prior Authorization	Requires Prior Authorization	Requires Prior Authorization	01/01/17	None
81328	SLCO1B1 (solute carrier organic anion transporter family, member 1B1) (eg, adverse drug reaction), gene analysis, common variant(s) (eg, *5)	Requires Prior Authorization	Requires Prior Authorization	Requires Prior Authorization	Requires Prior Authorization	01/01/18	None
81335	TPMT (thiopurine S-methyltransferase) (eg, drug metabolism), gene analysis, common variants (eg, *2, *3)	Requires Prior Authorization	Requires Prior Authorization	Requires Prior Authorization	Requires Prior Authorization	01/01/18	None
81336	SMN1 (survival of motor neuron 1, telomeric) (eg, spinal muscular atrophy) gene analysis; full gene sequence	Requires Prior Authorization	Requires Prior Authorization	Requires Prior Authorization	Requires Prior Authorization	01/01/19	None
81337	SMN1 (survival of motor neuron 1, telomeric) (eg, spinal muscular atrophy) gene analysis; known familial sequence variant(s)	Requires Prior Authorization	Requires Prior Authorization	Requires Prior Authorization	Requires Prior Authorization	01/01/19	None
81346	TYMS (thymidylate synthetase) (eg, 5-fluorouracil/5-FU drug metabolism), gene analysis, common variant(s) (eg, tandem repeat variant)	Requires Prior Authorization	Requires Prior Authorization	Requires Prior Authorization	Requires Prior Authorization	01/01/18	None
81349	Cytogenomic (genome-wide) analysis for constitutional chromosomal abnormalities; interrogation of genomic regions for copy number and loss-of-heterozygosity variants, low-pass sequencing analysis	Requires Prior Authorization	Requires Prior Authorization	Requires Prior Authorization	Requires Prior Authorization	01/01/22	None
81350	UGT1A1 (UDP glucuronosyltransferase 1 family, polypeptide A1) (eg, drug metabolism, hereditary unconjugated hyperbilirubinemia [Gilbert syndrome]) gene analysis, common variants (eg, *28, *36, *37)	Requires Prior Authorization	Requires Prior Authorization	Requires Prior Authorization	Requires Prior Authorization	01/01/12	None
81351	TP53 (tumor protein 53) (eg, Li-Fraumeni syndrome) gene analysis; full gene sequence	Requires Prior Authorization	Requires Prior Authorization	Requires Prior Authorization	Requires Prior Authorization	01/01/21	None
81353	TP53 (tumor protein 53) (eg, Li-Fraumeni syndrome) gene analysis; known familial variant	Requires Prior Authorization	Requires Prior Authorization	Requires Prior Authorization	Requires Prior Authorization	01/01/21	None
81355	VKORC1 (vitamin K epoxide reductase complex, subunit 1) (eg, warfarin metabolism), gene analysis, common variant(s) (eg, -1639G>A, c.173+1000C>T)	Requires Prior Authorization	Requires Prior Authorization	Requires Prior Authorization	Requires Prior Authorization	01/01/12	None
81361	HBB (hemoglobin, subunit beta) (eg, sickle cell anemia, beta thalassemia, hemoglobinopathy); common variant(s) (eg, HbS, HbC, HbE)	Requires Prior Authorization	Requires Prior Authorization	Requires Prior Authorization	Requires Prior Authorization	01/01/18	None
81362	HBB (hemoglobin, subunit beta) (eg, sickle cell anemia, beta thalassemia, hemoglobinopathy); known familial variant(s)	Requires Prior Authorization	Requires Prior Authorization	Requires Prior Authorization	Requires Prior Authorization	01/01/18	None
81363	HBB (hemoglobin, subunit beta) (eg, sickle cell anemia, beta thalassemia, hemoglobinopathy); duplication/deletion variant(s)	Requires Prior Authorization	Requires Prior Authorization	Requires Prior Authorization	Requires Prior Authorization	01/01/18	None
81364	HBB (hemoglobin, subunit beta) (eg, sickle cell anemia, beta thalassemia, hemoglobinopathy); full gene sequence	Requires Prior Authorization	Requires Prior Authorization	Requires Prior Authorization	Requires Prior Authorization	01/01/18	None
81400	Molecular pathology procedure, Level 1 (eg, identification of single germline variant [eg, SNP] by techniques such as restriction enzyme digestion or melt curve analysis)	Requires Prior Authorization	Requires Prior Authorization	Requires Prior Authorization	Requires Prior Authorization	01/01/12	None
81401	Molecular pathology procedure, Level 2 (eg, 2-10 SNPs, 1 methylated variant, or 1 somatic variant [typically using non-sequencing target variant analysis], or detection of a dynamic mutation disorder/triplet repeat)	Requires Prior Authorization	Requires Prior Authorization	Requires Prior Authorization	Requires Prior Authorization	01/01/12	None
81402	Molecular pathology procedure, Level 3 (eg, >10 SNPs, 2-10 methylated variants, or 2-10 somatic variants [typically using non-sequencing target variant analysis], immunoglobulin and T-cell receptor gene rearrangements, duplication/deletion variants of 1 exon, loss of heterozygosity [LOH], uniparental disomy [UPD])	Requires Prior Authorization	Requires Prior Authorization	Requires Prior Authorization	Requires Prior Authorization	01/01/12	None
81403	Molecular pathology procedure, Level 4 (eg, analysis of single exon by DNA sequence analysis, analysis of >10 amplicons using multiplex PCR in 2 or more independent reactions, mutation scanning or duplication/deletion variants of 2-5 exons)	Requires Prior Authorization	Requires Prior Authorization	Requires Prior Authorization	Requires Prior Authorization	01/01/12	None
81404	Molecular pathology procedure, Level 5 (eg, analysis of 2-5 exons by DNA sequence analysis, mutation scanning or duplication/deletion variants of 6-10 exons, or characterization of a dynamic mutation disorder/triplet repeat by Southern blot analysis)	Requires Prior Authorization	Requires Prior Authorization	Requires Prior Authorization	Requires Prior Authorization	01/01/12	None
81405	Molecular pathology procedure, Level 6 (eg, analysis of 6-10 exons by DNA sequence analysis, mutation scanning or duplication/deletion variants of 11-25 exons, regionally targeted cytogenomic array analysis)	Requires Prior Authorization	Requires Prior Authorization	Requires Prior Authorization	Requires Prior Authorization	01/01/12	None
81406	Molecular pathology procedure, Level 7 (eg, analysis of 11-25 exons by DNA sequence analysis, mutation scanning or duplication/deletion variants of 26-50 exons)	Requires Prior Authorization	Requires Prior Authorization	Requires Prior Authorization	Requires Prior Authorization	01/01/12	None
81407	Molecular pathology procedure, Level 8 (eg, analysis of 26-50 exons by DNA sequence analysis, mutation scanning or duplication/deletion variants of >50 exons, sequence analysis of multiple genes on one platform)	Requires Prior Authorization	Requires Prior Authorization	Requires Prior Authorization	Requires Prior Authorization	01/01/12	None
81408	Molecular pathology procedure, Level 9 (eg, analysis of >50 exons in a single gene by DNA sequence analysis)	Requires Prior Authorization	Requires Prior Authorization	Requires Prior Authorization	Requires Prior Authorization	01/01/12	None

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81410	Aortic dysfunction or dilation (eg, Marfan syndrome, Loeys Dietz syndrome, Ehler Danlos syndrome type IV, arterial tortuosity syndrome); genomic sequence analysis panel, must include sequencing of at least 9 genes, including FBN1, TGFBR1, TGFBR2, COL3A1, MYH11, ACTA2, SLC2A10, SMAAD3, and MYLK	Requires Prior Authorization	Requires Prior Authorization	Requires Prior Authorization	Requires Prior Authorization	01/01/15	None
81411	Aortic dysfunction or dilation (eg, Marfan syndrome, Loeys Dietz syndrome, Ehler Danlos syndrome type IV, arterial tortuosity syndrome); duplication/deletion analysis panel, must include analyses for TGFBR1, TGFBR2, MYH11, and COL3A1	Requires Prior Authorization	Requires Prior Authorization	Requires Prior Authorization	Requires Prior Authorization	01/01/15	None
81412	Ashkenazi Jewish associated disorders (eg, Bloom syndrome, Canavan disease, cystic fibrosis, familial dysautonomia, Fanconi anemia group C, Gaucher disease, Tay-Sachs disease); genomic sequence analysis panel, must include sequencing of at least 9 genes, including ASPA, BLM, CFTR, FANCC, GBA, HEXA, IKBKAP, MCOLN1, and SMPD1		Requires Prior Authorization	Requires Prior Authorization	Requires Prior Authorization	01/01/16	None
81413	Cardiac ion channelopathies (eg, Brugada syndrome, long QT syndrome, short QT syndrome, catecholaminergic polymorphic ventricular tachycardia); genomic sequence analysis panel, must include sequencing of at least 10 genes, including ANK2, CASQ2, CAV3, KCNE1, KCNE2, KCNH2, KCNQ1, KCNQ1, RYR2, and SCN5A	Requires Prior Authorization	Requires Prior Authorization	Requires Prior Authorization	Requires Prior Authorization	01/01/17	None
81414	Cardiac ion channelopathies (eg, Brugada syndrome, long QT syndrome, short QT syndrome, catecholaminergic polymorphic ventricular tachycardia); duplication/deletion gene analysis panel, must include analysis of at least 2 genes, including KCNH2 and KCNQ1	Requires Prior Authorization	Requires Prior Authorization	Requires Prior Authorization	Requires Prior Authorization	01/01/17	None
81415	Exome (eg, unexplained constitutional or heritable disorder or syndrome); sequence analysis	Requires Prior Authorization	Requires Prior Authorization	Requires Prior Authorization	Requires Prior Authorization	01/01/15	None
81416	Exome (eg, unexplained constitutional or heritable disorder or syndrome); sequence analysis, each comparator exome (eg, parents, siblings) (List separately in addition to code for primary procedure)	Requires Prior Authorization	Requires Prior Authorization	Requires Prior Authorization	Requires Prior Authorization	01/01/15	None
81417	Exome (eg, unexplained constitutional or heritable disorder or syndrome); re-evaluation of previously obtained exome sequence (eg, updated knowledge or unrelated condition/syndrome)	Requires Prior Authorization	Requires Prior Authorization	Requires Prior Authorization	Requires Prior Authorization	01/01/15	None
81418	Drug metabolism (eg, pharmacogenomics) genomic sequence analysis panel, must include testing of at least 6 genes, including CYP2C19, CYP2D6, and CYP2D6 duplication/deletion analysis	Requires Prior Authorization	Requires Prior Authorization	Requires Prior Authorization	Requires Prior Authorization	01/01/23	None
81419	Epilepsy genomic sequence analysis panel, must include analyses for ALDH7A1, CACNA1A, CDKL5, CHD2, GABRG2, GRIN2A, KCNQ2, MECP2, PCDH19, POLG, PRRT2, SCN1A, SCN1B, SCN2A, SCN8A, SLC2A1, SLC6A5, STXBP1, SYNGAP1, TCF4, TPR1, TSC1, TSC2, and ZNF1	Requires Prior Authorization	Requires Prior Authorization	Requires Prior Authorization	Requires Prior Authorization	01/01/21	None
81422	Fetal chromosomal microdeletion(s) genomic sequence analysis (eg, DiGeorge syndrome, Cri-du-chat syndrome), circulating cell-free fetal DNA in maternal blood	Requires Prior Authorization	Requires Prior Authorization	Requires Prior Authorization	Requires Prior Authorization	01/01/17	None
81425	Genome (eg, unexplained constitutional or heritable disorder or syndrome); sequence analysis	Requires Prior Authorization	Requires Prior Authorization	Requires Prior Authorization	Requires Prior Authorization	01/01/15	None
81426	Genome (eg, unexplained constitutional or heritable disorder or syndrome); sequence analysis, each comparator genome (eg, parents, siblings) (List separately in addition to code for primary procedure)	Requires Prior Authorization	Requires Prior Authorization	Requires Prior Authorization	Requires Prior Authorization	01/01/15	None
81427	Genome (eg, unexplained constitutional or heritable disorder or syndrome); re-evaluation of previously obtained genome sequence (eg, updated knowledge or unrelated condition/syndrome)	Requires Prior Authorization	Requires Prior Authorization	Requires Prior Authorization	Requires Prior Authorization	01/01/15	None
81430	Hearing loss (eg, nonsyndromic hearing loss, Usher syndrome, Pendred syndrome); genomic sequence analysis panel, must include sequencing of at least 60 genes, including CHD3, CLRN1, GJB2, GPR98, MTNRN1, MYO7A, MYO15A, PCDH15, OTOF, SLC26A4, TMCI, TMPSR3, USH1C, USH1G, USH2A, and WFS1	Requires Prior Authorization	Requires Prior Authorization	Requires Prior Authorization	Requires Prior Authorization	01/01/15	None
81431	Hearing loss (eg, nonsyndromic hearing loss, Usher syndrome, Pendred syndrome); duplication/deletion analysis panel, must include copy number analyses for STR and DFNB1 deletions in GJB2 and GJB6 genes	Requires Prior Authorization	Requires Prior Authorization	Requires Prior Authorization	Requires Prior Authorization	01/01/15	None
81432	Hereditary breast cancer-related disorders (eg, hereditary breast cancer, hereditary ovarian cancer, hereditary endometrial cancer, hereditary pancreatic cancer, hereditary prostate cancer); genomic sequence analysis panel, 5 or more genes, interrogation for sequence variants and copy number variants	Requires Prior Authorization	Requires Prior Authorization	Requires Prior Authorization	Requires Prior Authorization	01/01/16	None
81434	Hereditary retinal disorders (eg, retinitis pigmentosa, Leber congenital amaurosis, cone-rod dystrophy); genomic sequence analysis panel, must include sequencing of at least 15 genes, including ABCA4, ELOA, GATA1, CRB1, EYS, PDE6A, PDE6B, PRPF31, PRPH2, RDH12, RHO, RP1, RP2, RPE65, RPOGR, and USH2A	Requires Prior Authorization	Requires Prior Authorization	Requires Prior Authorization	Requires Prior Authorization	01/01/16	None
81435	Hereditary colon cancer-related disorders (eg, Lynch syndrome, PTEN hamartoma syndrome, Cowden syndrome, familial adenomatous polyposis); genomic sequence analysis panel, 5 or more genes, interrogation for sequence variants and copy number variants	Requires Prior Authorization	Requires Prior Authorization	Requires Prior Authorization	Requires Prior Authorization	01/01/15	None
81437	Hereditary neuroendocrine tumor-related disorders (eg, medullary thyroid carcinoma, parathyroid carcinoma, malignant pheochromocytoma or paraganglioma); genomic sequence analysis panel, 5 or more genes, interrogation for sequence variants and copy number variants	Requires Prior Authorization	Requires Prior Authorization	Requires Prior Authorization	Requires Prior Authorization	01/01/16	None
81439	Hereditary cardiomyopathy (eg, hypertrophic cardiomyopathy, dilated cardiomyopathy, arrhythmogenic right ventricular cardiomyopathy); genomic sequence analysis panel, must include sequencing of at least 5 cardiomyopathy-related genes (eg, DSG2, MYBPC3, MYH7, PKP2, TTN)	Requires Prior Authorization	Requires Prior Authorization	Requires Prior Authorization	Requires Prior Authorization	01/01/17	None
81440	Nuclear encoded mitochondrial genes (eg, neurologic or myopathic phenotypes); genomic sequence panel, must include analyses of at least 100 genes, including BCSTL1, C10orf2, COO2, COX10, DGUOK, MPV17, OPA1, PDS52, POLG, POLG2, RRM2B, SLC1, SLC2, SLC24A4, SLC24A2, SUCCL1, TAZ, TRK, and TYMP	Requires Prior Authorization	Requires Prior Authorization	Requires Prior Authorization	Requires Prior Authorization	01/01/15	None
81441	Inherited bone marrow failure syndromes (BMFS) (eg, Fanconi anemia, dyskeratosis congenita, Diamond-Blackfan anemia, Shwachman-Diamond syndrome, GATA2 deficiency syndrome, congenital amegakaryocytic thrombocytopoiesis) sequence analysis panel, must include sequencing of at least 30 genes, including BRCA2, BRP1, DKC1, FANCA, FANCB, FANCC, FANCD1, FANCF, FANCG, FANCI, FANCL, GATA1, GATA2, MPL, NHP2, NOP10, PALB2, RADS1C, RPL11, RPL35A, RPL5, RPS10, RPS19, RPS24, RPS26, RPS7, SBO5, TERT, and TINF2	Requires Prior Authorization	Requires Prior Authorization	Requires Prior Authorization	Requires Prior Authorization	01/01/23	None
81442	Noonan spectrum disorders (eg, Noonan syndrome, cardio-facio-cutaneous syndrome, Costello syndrome, LEOPARD syndrome, Noonan-like syndrome); genomic sequence analysis panel, must include sequencing of at least 12 genes, including BRAF, CBL, HRAS, KRAS, MAP2K1, MAP2K2, NRAS, PTPN11, RAF1, RIT1, SHOC2, and SOS1	Requires Prior Authorization	Requires Prior Authorization	Requires Prior Authorization	Requires Prior Authorization	01/01/16	None
81443	Genetic testing for severe inherited conditions (eg, cystic fibrosis, Ashkenazi Jewish-associated disorders (eg, Bloom syndrome, Canavan disease, Fanconi anemia type C, mucopolidosis type VI, Gaucher disease, Tay-Sachs disease), beta hemoglobinopathies, phenylketonuria, galactosemia); genomic sequence analysis panel, must include sequencing of at least 15 genes (eg, ACAD9, ARSA, ASPA, AT7PB, BCKDHA, BCKDHB, BLM, CFTR, DHCR7, FANCC, GPC, GAA, GALT, GBA, GBE1, HBB, HEXA, IKBKAP, MCOLN1, PAH)	Requires Prior Authorization	Requires Prior Authorization	Requires Prior Authorization	Requires Prior Authorization	01/01/19	None
81445	Solid organ neoplasm, genomic sequence analysis panel, 5-50 genes, interrogation for sequence variants and copy number variants or rearrangements, if performed; DNA analysis or combined DNA and RNA analysis	Requires Prior Authorization	Requires Prior Authorization	Requires Prior Authorization	Requires Prior Authorization	01/01/15	None
81448	Hereditary peripheral neuropathies (eg, Charcot-Marie-Tooth, spastic paraplegia); genomic sequence analysis panel, must include sequencing of at least 5 peripheral neuropathy-related genes (eg, BSCL2, GJB1, MPN2, MPZ, RIEP1, SPAST, SPG11, SPTLC1)	Requires Prior Authorization	Requires Prior Authorization	Requires Prior Authorization	Requires Prior Authorization	01/01/18	None
81449	Solid organ neoplasm, genomic sequence analysis panel, 5-50 genes, interrogation for sequence variants and copy number variants or rearrangements, if performed; RNA analysis	Requires Prior Authorization	Requires Prior Authorization	Requires Prior Authorization	Requires Prior Authorization	01/01/23	None
81450	Hematolymphoid neoplasm or disorder, genomic sequence analysis panel, 5-50 genes, interrogation for sequence variants, and copy number variants or rearrangements, or isoform expression or mRNA expression levels, if performed; DNA analysis or combined DNA and RNA analysis	Requires Prior Authorization	Requires Prior Authorization	Requires Prior Authorization	Requires Prior Authorization	01/01/15	None
81451	Hematolymphoid neoplasm or disorder, genomic sequence analysis panel, 5-50 genes, interrogation for sequence variants, and copy number variants or rearrangements, or isoform expression or mRNA expression levels, if performed; RNA analysis	Requires Prior Authorization	Requires Prior Authorization	Requires Prior Authorization	Requires Prior Authorization	01/01/23	None
81455	Solid organ or hematolymphoid neoplasm or disorder, 51 or greater genes, genomic sequence analysis panel, interrogation for sequence variants and copy number variants or rearrangements, or isoform expression or mRNA expression levels, if performed; DNA analysis or combined DNA and RNA analysis	Requires Prior Authorization	Requires Prior Authorization	Requires Prior Authorization	Requires Prior Authorization	01/01/15	None
81456	Solid organ or hematolymphoid neoplasm or disorder, 51 or greater genes, genomic sequence analysis panel, interrogation for sequence variants and copy number variants or rearrangements, or isoform expression or mRNA expression levels, if performed; RNA analysis	Requires Prior Authorization	Requires Prior Authorization	Requires Prior Authorization	Requires Prior Authorization	01/01/23	None
81457	Solid organ neoplasm, genomic sequence analysis panel, interrogation for sequence variants; DNA analysis, microsatellite instability	Requires Prior Authorization	Requires Prior Authorization	Requires Prior Authorization	Requires Prior Authorization	01/01/24	None
81458	Solid organ neoplasm, genomic sequence analysis panel, interrogation for sequence variants; DNA analysis, copy number variants and microsatellite instability	Requires Prior Authorization	Requires Prior Authorization	Requires Prior Authorization	Requires Prior Authorization	01/01/24	None
81459	Solid organ neoplasm, genomic sequence analysis panel, interrogation for sequence variants; DNA analysis or combined DNA and RNA analysis, copy number variants, microsatellite instability, tumor mutation burden, and rearrangements	Requires Prior Authorization	Requires Prior Authorization	Requires Prior Authorization	Requires Prior Authorization	01/01/24	None
81460	Whole mitochondrial genome (eg, Leigh syndrome, mitochondrial encephalomyopathy, lactic acidosis, and stroke-like episodes [MELAS], myoclonic epilepsy with ragged-red fibers [MERRF], neuropathy, ataxia, and retinitis pigmentosa [NARP], Leber hereditary optic neuropathy [LHON]); genomic sequence, must include sequence analysis of entire mitochondrial genome with heteroplasmy detection	Requires Prior Authorization	Requires Prior Authorization	Requires Prior Authorization	Requires Prior Authorization	01/01/15	None
81462	Solid organ neoplasm, genomic sequence analysis panel, cell-free nucleic acid (eg, plasma), interrogation for sequence variants; DNA analysis or combined DNA and RNA analysis, copy number variants and rearrangements	Requires Prior Authorization	Requires Prior Authorization	Requires Prior Authorization	Requires Prior Authorization	01/01/24	None
81463	Solid organ neoplasm, genomic sequence analysis panel, cell-free nucleic acid (eg, plasma), interrogation for sequence variants; DNA analysis, copy number variants, and microsatellite instability	Requires Prior Authorization	Requires Prior Authorization	Requires Prior Authorization	Requires Prior Authorization	01/01/24	None
81464	Solid organ neoplasm, genomic sequence analysis panel, cell-free nucleic acid (eg, plasma), interrogation for sequence variants; DNA analysis or combined DNA and RNA analysis, copy number variants and microsatellite instability, tumor mutation burden, and rearrangements	Requires Prior Authorization	Requires Prior Authorization	Requires Prior Authorization	Requires Prior Authorization	01/01/24	None

Procedure Code	Full Description	How Code is Managed- Commercial	How Code is Managed- Hospital Medicaid	How Code is Managed- Independent Lab Medicaid	How Code is Managed- Medicare	AMA Effective Date	Termination Date
81465	Whole mitochondrial genome large deletion analysis panel (eg, Kearns-Sayre syndrome, chronic progressive external ophthalmoplegia), including heteroplasmy detection, if performed	Requires Prior Authorization	Requires Prior Authorization	Requires Prior Authorization	Requires Prior Authorization	01/01/15	None
81470	X-linked intellectual disability (XLID) (eg, syndromic and non-syndromic XLID); genomic sequence analysis panel, must include sequencing of at least 60 genes, including ARX, ATRX, CDKL5, FGD1, FMR1, HUIWE1, IL1RAPL1, KDM5C, L1CAM, MECF2, MED12, MID1, OCR1, RPS6KA3, and SLC16A2	Requires Prior Authorization	Requires Prior Authorization	Requires Prior Authorization	Requires Prior Authorization	01/01/15	None
81471	X-linked intellectual disability (XLID) (eg, syndromic and non-syndromic XLID); duplication/deletion gene analysis, must include analysis of at least 60 genes, including ARX, ATRX, CDKL5, FGD1, FMR1, HUIWE1, IL1RAPL1, KDM5C, L1CAM, MECF2, MED12, MID1, OCR1, RPS6KA3, and SLC16A2	Requires Prior Authorization	Requires Prior Authorization	Requires Prior Authorization	Requires Prior Authorization	01/01/15	None
81479	Unlisted molecular pathology procedure	Requires Prior Authorization	Requires Prior Authorization	Requires Prior Authorization	Requires Prior Authorization	01/01/13	None
81490	Autoimmune (rheumatoid arthritis), analysis of 12 biomarkers using immunoassays, utilizing serum, prognostic algorithm reported as a disease activity score	Requires Prior Authorization	Requires Prior Authorization	Requires Prior Authorization	Requires Prior Authorization	01/01/16	None
81493	Coronary artery disease, mRNA, gene expression profiling by real-time RT-PCR of 23 genes, utilizing whole peripheral blood, algorithm reported as a risk score	Requires Prior Authorization	Requires Prior Authorization	Requires Prior Authorization	Requires Prior Authorization	01/01/16	None
81500	Oncology (ovarian), biochemical assays of two proteins (CA-125 and HE4), utilizing serum, with menopausal status, algorithm reported as a risk score	Requires Prior Authorization	Requires Prior Authorization	Requires Prior Authorization	Requires Prior Authorization	01/01/13	None
81503	Oncology (ovarian), biochemical assays of five proteins (CA-125, apolipoprotein A1, beta-2 microglobulin, transferrin, and pre-albumin), utilizing serum, algorithm reported as a risk score	Requires Prior Authorization	Requires Prior Authorization	Requires Prior Authorization	Requires Prior Authorization	01/01/14	None
81504	Oncology (tissue of origin), microarray gene expression profiling of > 2000 genes, utilizing formalin-fixed paraffin-embedded tissue, algorithm reported as tissue similarity scores	Requires Prior Authorization	Requires Prior Authorization	Requires Prior Authorization	Requires Prior Authorization	01/01/14	None
81518	Oncology (breast), mRNA, gene expression profiling by real-time RT-PCR of 11 genes (7 content and 4 housekeeping), utilizing formalin-fixed paraffin-embedded tissue, algorithms reported as percentage risk for metastatic recurrence and likelihood of benefit from extended endocrine therapy	Requires Prior Authorization	Requires Prior Authorization	Requires Prior Authorization	Requires Prior Authorization	01/01/19	None
81519	Oncology (breast), mRNA, gene expression profiling by real-time RT-PCR of 21 genes, utilizing formalin-fixed paraffin embedded tissue, algorithm reported as recurrence score	Requires Prior Authorization	Requires Prior Authorization	Requires Prior Authorization	Requires Prior Authorization	01/01/15	None
81520	Oncology (breast), mRNA gene expression profiling by hybrid capture of 58 genes (50 content and 8 housekeeping), utilizing formalin-fixed paraffin-embedded tissue, algorithm reported as a recurrence risk score	Requires Prior Authorization	Requires Prior Authorization	Requires Prior Authorization	Requires Prior Authorization	01/01/18	None
81521	Oncology (breast), mRNA, microarray gene expression profiling of 70 content genes and 465 housekeeping genes, utilizing fresh frozen or formalin-fixed paraffin-embedded tissue, algorithm reported as index related to risk of distant metastasis	Requires Prior Authorization	Requires Prior Authorization	Requires Prior Authorization	Requires Prior Authorization	01/01/18	None
81522	Oncology (breast), mRNA, gene expression profiling by RT-PCR of 12 genes (8 content and 4 housekeeping), utilizing formalin-fixed paraffin-embedded tissue, algorithm reported as recurrence risk score	Requires Prior Authorization	Requires Prior Authorization	Requires Prior Authorization	Requires Prior Authorization	01/01/20	None
81523	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	Requires Prior Authorization	Requires Prior Authorization	Requires Prior Authorization	Requires Prior Authorization	01/01/22	None
81525	Oncology (colon), mRNA, gene expression profiling by real-time RT-PCR of 12 genes (7 content and 5 housekeeping), utilizing formalin-fixed paraffin-embedded tissue, algorithm reported as a recurrence score	Requires Prior Authorization	Requires Prior Authorization	Requires Prior Authorization	Requires Prior Authorization	01/01/16	None
81529	Oncology (cutaneous melanoma), mRNA, gene expression profiling by real-time RT-PCR of 31 genes (28 content and 3 housekeeping), utilizing formalin-fixed paraffin-embedded tissue, algorithm reported as recurrence risk, including likelihood of sentinel lymph node metastasis	Requires Prior Authorization	Requires Prior Authorization	Requires Prior Authorization	Requires Prior Authorization	01/01/21	None
81535	Oncology (gynecologic), live tumor cell culture and chemotherapeutic response by DAPI stain and morphology, predictive algorithm reported as a drug response score; first single drug or drug combination	Requires Prior Authorization	Requires Prior Authorization	Requires Prior Authorization	Requires Prior Authorization	01/01/16	None
81536	Oncology (gynecologic), live tumor cell culture and chemotherapeutic response by DAPI stain and morphology, predictive algorithm reported as a drug response score and additional single drug or drug combination (List separately in addition to code for primary procedure)	Requires Prior Authorization	Requires Prior Authorization	Requires Prior Authorization	Requires Prior Authorization	01/01/16	None
81538	Oncology (lung), mass spectrometric 8-protein signature, including amyloid A, utilizing serum, prognostic and predictive algorithm reported as good versus poor overall survival	Requires Prior Authorization	Requires Prior Authorization	Requires Prior Authorization	Requires Prior Authorization	01/01/16	None
81539	Oncology (high-grade prostate cancer), biochemical assay of four proteins (Total PSA, Free PSA, Intact PSA, and human kallikrein-2 [hK2]), utilizing plasma or serum, prognostic algorithm reported as a probability score	Requires Prior Authorization	Requires Prior Authorization	Requires Prior Authorization	Requires Prior Authorization	01/01/17	None
81540	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	Requires Prior Authorization	Requires Prior Authorization	Requires Prior Authorization	Requires Prior Authorization	01/01/16	None
81541	Oncology (prostate), mRNA gene expression profiling by real-time RT-PCR of 46 genes (31 content and 15 housekeeping), utilizing formalin-fixed paraffin-embedded tissue, algorithm reported as a disease-specific mortality risk score	Requires Prior Authorization	Requires Prior Authorization	Requires Prior Authorization	Requires Prior Authorization	01/01/18	None
81542	Oncology (prostate), mRNA, microarray gene expression profiling of 22 content genes, utilizing formalin-fixed paraffin-embedded tissue, algorithm reported as metastasis risk score	Requires Prior Authorization	Requires Prior Authorization	Requires Prior Authorization	Requires Prior Authorization	01/01/20	None
81546	Oncology (thyroid), mRNA, gene expression analysis of 10,196 genes, utilizing fine needle aspirate, algorithm reported as a categorical result (eg, benign or suspicious)	Requires Prior Authorization	Requires Prior Authorization	Requires Prior Authorization	Requires Prior Authorization	01/01/21	None
81551	Oncology (prostate), promoter methylation profiling by real-time PCR of 3 genes (GSTP1, APC, RASSF1), utilizing formalin-fixed paraffin-embedded tissue, algorithm reported as a likelihood of prostate cancer detection on repeat biopsy	Requires Prior Authorization	Requires Prior Authorization	Requires Prior Authorization	Requires Prior Authorization	01/01/18	None
81552	Oncology (uveal melanoma), mRNA, gene expression profiling by real-time RT-PCR of 15 genes (12 content and 3 housekeeping), utilizing fine needle aspirate or formalin-fixed paraffin-embedded tissue, algorithm reported as risk of metastasis	Requires Prior Authorization	Requires Prior Authorization	Requires Prior Authorization	Requires Prior Authorization	01/01/20	None
81554	Pulmonary disease (idiopathic pulmonary fibrosis [IPF]), mRNA, gene expression analysis of 190 genes, utilizing transbronchial biopsies, diagnostic algorithm reported as categorical result (eg, positive or negative for high probability of usual interstitial pneumonia [UIP])	Requires Prior Authorization	Requires Prior Authorization	Requires Prior Authorization	Requires Prior Authorization	01/01/21	None
81558	Transplantation medicine (allograft rejection, kidney), mRNA, gene expression profiling by quantitative polymerase chain reaction (qPCR) of 130 genes, utilizing whole blood, algorithm reported as a binary categorization as transplant excellence, which indicates immune quiescence, or not transplant excellence, indicating subclinical rejection	Requires Prior Authorization	Requires Prior Authorization	Requires Prior Authorization	Requires Prior Authorization	01/01/25	None
81595	Cardiology (heart transplant), mRNA, gene expression profiling by real-time quantitative PCR of 20 genes (11 content and 9 housekeeping), utilizing subtraction of peripheral blood, algorithm reported as a rejection risk score	Requires Prior Authorization	Requires Prior Authorization	Requires Prior Authorization	Requires Prior Authorization	01/01/16	None
81596	Infectious disease, chronic hepatitis C virus (HCV) infection, six biochemical assays (ALT, A2-macroglobulin, apolipoprotein A-1, total bilirubin, GGT, and haptoglobin) utilizing serum, prognostic algorithm reported as scores for fibrosis and reconfirmatory activity in liver	Requires Prior Authorization	Requires Prior Authorization	Requires Prior Authorization	Requires Prior Authorization	01/01/19	None
81599	Unlisted multianalyte assay with algorithmic analysis	Requires Prior Authorization	Requires Prior Authorization	Requires Prior Authorization	Requires Prior Authorization	01/01/13	None
0001U	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	Requires Prior Authorization	Requires Prior Authorization	Requires Prior Authorization	Requires Prior Authorization	02/01/17	None
0002M	Liver disease, ten biochemical assays (ALT, A2-macroglobulin, apolipoprotein A-1, total bilirubin, GGT, haptoglobin, AST, glucose, total cholesterol and triglycerides) utilizing serum, prognostic algorithm reported as quantitative scores for fibrosis, steatosis and alcoholic steatohepatitis (ASH)	Requires Prior Authorization	Requires Prior Authorization	Requires Prior Authorization	Requires Prior Authorization	01/01/13	None
0003M	Liver disease, ten biochemical assays (ALT, A2-macroglobulin, apolipoprotein A-1, total bilirubin, GGT, haptoglobin, AST, glucose, total cholesterol and triglycerides) utilizing serum, prognostic algorithm reported as quantitative scores for fibrosis, steatosis and nonalcoholic steatohepatitis (NASH)	Requires Prior Authorization	Requires Prior Authorization	Requires Prior Authorization	Requires Prior Authorization	01/01/13	None
0004M	Scoliosis, DNA analysis of 53 single nucleotide polymorphisms (SNPs), using saliva, prognostic algorithm reported as a risk score	Requires Prior Authorization	Requires Prior Authorization	Requires Prior Authorization	Requires Prior Authorization	01/01/13	None
0005U	Oncology (prostate) gene expression profile by real-time RT-PCR of 3 genes (ERG, PCA3, and SPDEF), urine, algorithm reported as risk score	Requires Prior Authorization	Requires Prior Authorization	Requires Prior Authorization	Requires Prior Authorization	05/01/17	None
0006M	Oncology (hepatic), mRNA expression levels of 161 genes, utilizing fresh hepatocellular carcinoma tumor tissue, with alpha-fetoprotein level, algorithm reported as a risk classifier	Requires Prior Authorization	Requires Prior Authorization	Requires Prior Authorization	Requires Prior Authorization	01/01/15	None
0007M	Oncology (gastrointestinal neuroendocrine tumors), real-time PCR expression analysis of 51 genes, utilizing whole peripheral blood, algorithm reported as a nomogram of tumor disease index	Requires Prior Authorization	Requires Prior Authorization	Requires Prior Authorization	Requires Prior Authorization	01/01/15	None
0011M	Oncology, prostate cancer, mRNA expression assay of 12 genes (10 content and 2 housekeeping), RT-PCR test utilizing blood plasma and urine, algorithms to predict high-grade prostate cancer risk	Requires Prior Authorization	Requires Prior Authorization	Requires Prior Authorization	Requires Prior Authorization	01/01/18	None
0012M	Oncology (urothelial), mRNA, gene expression profiling by real-time quantitative PCR of five genes (MDK, HOXA13, CDC2 [CDK1], IGFBP5, and CXCR2), utilizing urine, algorithm reported as a risk score for having urothelial carcinoma	Requires Prior Authorization	Requires Prior Authorization	Requires Prior Authorization	Requires Prior Authorization	04/01/18	None
0013M	Oncology (urothelial), mRNA, gene expression profiling by real-time quantitative PCR of five genes (MDK, HOXA13, CDC2 [CDK1], IGFBP5, and CXCR2), utilizing urine, algorithm reported as a risk score for having recurrent urothelial carcinoma	Requires Prior Authorization	Requires Prior Authorization	Requires Prior Authorization	Requires Prior Authorization	04/01/18	None
0016M	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, neuroendocrine-like)	Requires Prior Authorization	Requires Prior Authorization	Requires Prior Authorization	Requires Prior Authorization	10/01/20	None
0017M	Oncology (diffuse large B-cell lymphoma [DLBCL]), mRNA, gene expression profiling by fluorescent probe hybridization of 20 genes, formalin-fixed paraffin-embedded tissue, algorithm reported as cell of origin	Requires Prior Authorization	Requires Prior Authorization	Requires Prior Authorization	Requires Prior Authorization	01/01/21	None

Procedure Code	Full Description	How Code is Managed- Commercial	How Code is Managed- Hospital Medicaid	How Code is Managed- Independent Lab Medicaid	How Code is Managed- Medicare	AMA Effective Date	Termination Date
0018U	Oncology (thyroid), microRNA profiling by RT-PCR of 10 microRNA sequences, utilizing fine needle aspirate, algorithm reported as a positive or negative result for moderate to high risk of malignancy	Requires Prior Authorization	Requires Prior Authorization	Requires Prior Authorization	Requires Prior Authorization	10/01/17	None
0019U	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	Requires Prior Authorization	Requires Prior Authorization	Requires Prior Authorization	Requires Prior Authorization	10/01/17	None
0020M	Oncology (central nervous system), analysis of 30000 DNA methylation loci by methylation array, utilizing DNA extracted from tumor tissue, diagnostic algorithm reported as probability of matching a reference tumor subclass	Requires Prior Authorization	Requires Prior Authorization	Requires Prior Authorization	Requires Prior Authorization	07/01/24	None
0022U	Targeted genomic sequence analysis panel, non-small cell lung neoplasia, DNA and RNA analysis, 23 genes, interrogation for sequence variants and rearrangements, reported as presence or absence of variants and associated therapy(ies) to consider	Requires Prior Authorization	Requires Prior Authorization	Requires Prior Authorization	Requires Prior Authorization	10/01/17	None
0026U	Oncology (thyroid), DNA and mRNA of 112 genes, next-generation sequencing, fine needle aspirate of thyroid nodule, algorithmic analysis reported as a categorical result (Positive, high probability of malignancy or Negative, low probability of malignancy)	Requires Prior Authorization	Requires Prior Authorization	Requires Prior Authorization	Requires Prior Authorization	01/01/18	None
0029U	Drug metabolism (adverse drug reactions and drug response), targeted sequence analysis (ie, CYP1A2, CYP2C19, CYP2C9, CYP2D6, CYP3A4, CYP3A5, CYP4F2, SLC01B1, VKORC1 and rs12777823)	Requires Prior Authorization	Requires Prior Authorization	Requires Prior Authorization	Requires Prior Authorization	01/01/18	None
0030U	Drug metabolism (warfarin drug response), targeted sequence analysis (ie, CYP2C9, CYP4F2, VKORC1, rs12777823)	Requires Prior Authorization	Requires Prior Authorization	Requires Prior Authorization	Requires Prior Authorization	01/01/18	None
0031U	CYP1A2 (cytochrome P450 family 1, subfamily A, member 2)(eg, drug metabolism) gene analysis, common variants (ie, *1F, *1K, *6, *7)	Requires Prior Authorization	Requires Prior Authorization	Requires Prior Authorization	Requires Prior Authorization	01/01/18	None
0032U	COMT (catechol-O-methyltransferase)(drug metabolism) gene analysis, c.472G>A (rs4680) variant	Requires Prior Authorization	Requires Prior Authorization	Requires Prior Authorization	Requires Prior Authorization	01/01/18	None
0033U	HT2A (5-hydroxytryptamine receptor 2A), HTR2C (5-hydroxytryptamine receptor 2C) (eg, citalopram metabolism) gene analysis, common variants (ie, HTR2A rs357/112 [c.514-2211T>C], HTR2C rs3813929 [c.-759C>T] and rs1414334 [c.551-3008C>G])	Requires Prior Authorization	Requires Prior Authorization	Requires Prior Authorization	Requires Prior Authorization	01/01/18	None
0034U	TPMT (thiopurine S-methyltransferase), NUDT15 (nudix hydroxylase 15)(eg, thiopurine metabolism) gene analysis, common variants (ie, TPMT *2, *3A, *3B, *3C, *4, *5, *6, *8, *12; NUDT15 *3, *4, *5)	Requires Prior Authorization	Requires Prior Authorization	Requires Prior Authorization	Requires Prior Authorization	01/01/18	None
0036U	Exome (ie, somatic mutations), paired formalin-fixed paraffin-embedded tumor tissue and normal specimen, sequence analysis	Requires Prior Authorization	Requires Prior Authorization	Requires Prior Authorization	Requires Prior Authorization	04/01/18	None
0037U	Targeted genomic sequence analysis, solid organ neoplasm, DNA analysis of 324 genes, interrogation for sequence variants, gene copy number amplifications, gene rearrangements, microsatellite instability and tumor mutational burden	Requires Prior Authorization	Requires Prior Authorization	Requires Prior Authorization	Requires Prior Authorization	04/01/18	None
0045U	Oncology (breast ductal carcinoma in situ), mRNA, gene expression profiling by real-time RT-PCR of 12 genes (7 content and 5 housekeeping), utilizing formalin-fixed paraffin-embedded tissue, algorithm reported as recurrence score	Requires Prior Authorization	Requires Prior Authorization	Requires Prior Authorization	Requires Prior Authorization	07/01/18	None
0047U	Oncology (prostate), mRNA, gene expression profiling by real-time RT-PCR of 17 genes (12 content and 5 housekeeping), utilizing formalin-fixed paraffin-embedded tissue, algorithm reported as a risk score	Requires Prior Authorization	Requires Prior Authorization	Requires Prior Authorization	Requires Prior Authorization	07/01/18	None
0048U	Oncology (solid organ neoplasia), DNA, targeted sequencing of protein-coding exons of 468 cancer-associated genes, including interrogation for somatic mutations and microsatellite instability, matched with normal specimens, utilizing formalin-fixed paraffin-embedded tumor tissue, report of clinically significant mutation(s)	Requires Prior Authorization	Requires Prior Authorization	Requires Prior Authorization	Requires Prior Authorization	07/01/18	None
0050U	Targeted genomic sequence analysis panel, acute myelogenous leukemia, DNA analysis, 194 genes, interrogation for sequence variants, copy number variants or rearrangements	Requires Prior Authorization	Requires Prior Authorization	Requires Prior Authorization	Requires Prior Authorization	07/01/18	None
0055U	Cardiology (heart transplant), cell-free DNA, PCR assay of 96 DNA target sequences (94 single nucleotide polymorphism targets and two control targets), plasma	Requires Prior Authorization	Requires Prior Authorization	Requires Prior Authorization	Requires Prior Authorization	07/01/18	None
0060U	Twin zygosity, genomic targeted sequence analysis of chromosome 2, using circulating cell-free fetal DNA in maternal blood	Requires Prior Authorization	Requires Prior Authorization	Requires Prior Authorization	Requires Prior Authorization	07/01/18	None
0067U	Oncology (breast), immunohistochemistry, protein expression profiling of 4 biomarkers (matrix metalloproteinase-1 [MMP-1], carcinoembryonic antigen-related cell adhesion molecule 6 [CEACAM6], hyaluronoglucosaminidase [HYAL1], highly expressed in cancer protein [HEC1]), formalin-fixed paraffin-embedded precancerous breast tissue, algorithm reported as carcinoma risk score	Requires Prior Authorization	Requires Prior Authorization	Requires Prior Authorization	Requires Prior Authorization	10/01/18	None
0069U	Oncology (colorectal), microRNA, RT-PCR expression profiling of miR-31-3p, formalin-fixed paraffin-embedded tissue, algorithm reported as an expression score	Requires Prior Authorization	Requires Prior Authorization	Requires Prior Authorization	Requires Prior Authorization	10/01/18	None
0070U	CYP2D6 (cytochrome P450, family 2, subfamily D, polypeptide 6) (eg, drug metabolism) gene analysis, common and select rare variants (ie, *2, *3, *4, *4N, *5, *6, *7, *8, *9, *10, *11, *12, *13, *14A, *14B, *15, *17, *29, *35, *36, *41, *57, *61, *63, *68, *83, *nN)	Requires Prior Authorization	Requires Prior Authorization	Requires Prior Authorization	Requires Prior Authorization	10/01/18	None
0071U	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)	Requires Prior Authorization	Requires Prior Authorization	Requires Prior Authorization	Requires Prior Authorization	10/01/18	None
0072U	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)	Requires Prior Authorization	Requires Prior Authorization	Requires Prior Authorization	Requires Prior Authorization	10/01/18	None
0073U	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)	Requires Prior Authorization	Requires Prior Authorization	Requires Prior Authorization	Requires Prior Authorization	10/01/18	None
0074U	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)	Requires Prior Authorization	Requires Prior Authorization	Requires Prior Authorization	Requires Prior Authorization	10/01/18	None
0075U	CYP2D6 (cytochrome P450, family 2, subfamily D, polypeptide 6) (eg, drug metabolism) gene analysis, targeted sequence analysis (ie, 5' gene duplication/multiplication) (List separately in addition to code for primary procedure)	Requires Prior Authorization	Requires Prior Authorization	Requires Prior Authorization	Requires Prior Authorization	10/01/18	None
0076U	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)	Requires Prior Authorization	Requires Prior Authorization	Requires Prior Authorization	Requires Prior Authorization	10/01/18	None
0079U	Comparative DNA analysis using multiple selected single-nucleotide polymorphisms (SNPs), urine and buccal DNA, for specimen identity verification	Requires Prior Authorization	Requires Prior Authorization	Requires Prior Authorization	Requires Prior Authorization	10/01/18	None
0084U	Red blood cell antigen typing, DNA, genotyping of 10 blood groups with phenotype prediction of 37 red blood cell antigens	Requires Prior Authorization	Requires Prior Authorization	Requires Prior Authorization	Requires Prior Authorization	07/01/19	None
0087U	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	Requires Prior Authorization	Requires Prior Authorization	Requires Prior Authorization	Requires Prior Authorization	07/01/19	None
0088U	Transplantation medicine (kidney allograft rejection), microarray gene expression profiling of 1494 genes, utilizing transplant biopsy tissue, algorithm reported as a probability score for rejection	Requires Prior Authorization	Requires Prior Authorization	Requires Prior Authorization	Requires Prior Authorization	07/01/19	None
0089U	Oncology (melanoma), gene expression profiling by RTqPCR, PRAME and LINC00518, superficial collection using adhesive patch(es)	Requires Prior Authorization	Requires Prior Authorization	Requires Prior Authorization	Requires Prior Authorization	07/01/19	None
0090U	Oncology (cutaneous melanoma), mRNA gene expression profiling by RT-PCR of 23 genes (14 content and 9 housekeeping), utilizing formalin-fixed paraffin-embedded (FFPE) tissue, algorithm reported as a categorical result (ie, benign, intermediate, malignant)	Requires Prior Authorization	Requires Prior Authorization	Requires Prior Authorization	Requires Prior Authorization	07/01/19	None
0094U	Genome (eg, unexplained constitutional or heritable disorder or syndrome), rapid sequence analysis	Requires Prior Authorization	Requires Prior Authorization	Requires Prior Authorization	Requires Prior Authorization	07/01/19	None
0101U	Hereditary colon cancer disorders (eg, Lynch syndrome, PTEN hamartoma syndrome, Cowden syndrome, familial adenomatous polyposis), genomic sequence analysis panel utilizing a combination of NGS, Sanger, MLPA, and array CGH, with mRNA analytics to resolve variants of unknown significance when indicated (15 genes [sequencing and deletion/duplication], EPCAM and GREM1 [deletion/duplication only])	Requires Prior Authorization	Requires Prior Authorization	Requires Prior Authorization	Requires Prior Authorization	07/01/19	None
0102U	Hereditary breast cancer-related disorders (eg, hereditary breast cancer, hereditary ovarian cancer, hereditary endometrial cancer), genomic sequence analysis panel utilizing a combination of NGS, Sanger, MLPA, and array CGH, with mRNA analytics to resolve variants of unknown significance when indicated (17 genes [sequencing and deletion/duplication])	Requires Prior Authorization	Requires Prior Authorization	Requires Prior Authorization	Requires Prior Authorization	07/01/19	None
0103U	Hereditary ovarian cancer (eg, hereditary ovarian cancer, hereditary endometrial cancer), genomic sequence analysis panel utilizing a combination of NGS, Sanger, MLPA, and array CGH, with mRNA analytics to resolve variants of unknown significance when indicated (24 genes [sequencing and deletion/duplication], EPCAM [deletion/duplication only])	Requires Prior Authorization	Requires Prior Authorization	Requires Prior Authorization	Requires Prior Authorization	07/01/19	None
0111U	Oncology (colon cancer), targeted KRAS (codons 12, 13, and 61) and NRAS (codons 12, 13, and 61) gene analysis utilizing formalin-fixed paraffin-embedded tissue	Requires Prior Authorization	Requires Prior Authorization	Requires Prior Authorization	Requires Prior Authorization	10/01/19	None
0113U	Oncology (prostate), measurement of PCA3 and TMPRSS2:ERG in urine and PSA in serum following prostatic massage, by RNA amplification and fluorescence-based assay, algorithm reported as risk score	Requires Prior Authorization	Requires Prior Authorization	Requires Prior Authorization	Requires Prior Authorization	10/01/19	None
0114U	Gastroenterology (Barrett's esophagus), VIM and CCNA1 methylation analysis, esophageal cells, algorithm reported as likelihood for Barrett's esophagus	Requires Prior Authorization	Requires Prior Authorization	Requires Prior Authorization	Requires Prior Authorization	10/01/19	None
0118U	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	Requires Prior Authorization	Requires Prior Authorization	Requires Prior Authorization	Requires Prior Authorization	10/01/19	None
0120U	Oncology (B-cell lymphoma classification), mRNA, gene expression profiling by fluorescent probe hybridization of 59 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	Requires Prior Authorization	Requires Prior Authorization	Requires Prior Authorization	Requires Prior Authorization	10/01/19	None

Procedure Code	Full Description	How Code is Managed- Commercial	How Code is Managed- Hospital Medicaid	How Code is Managed- Independent Lab Medicaid	How Code is Managed- Medicare	AMA Effective Date	Termination Date
0129U	Hereditary breast cancer-related disorders (eg, hereditary breast cancer, hereditary ovarian cancer, hereditary endometrial cancer), genomic sequence analysis and deletion/duplication analysis panel (ATM, BRCA1, BRCA2, CDH1, CHEK2, PALB2, PTEN, and TP53)	Requires Prior Authorization	Requires Prior Authorization	Requires Prior Authorization	Requires Prior Authorization	10/01/19	None
0130U	Hereditary colon cancer disorders (eg, Lynch syndrome, PTEN hamartoma syndrome, Cowden syndrome, familial adenomatous 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)	Requires Prior Authorization	Requires Prior Authorization	Requires Prior Authorization	Requires Prior Authorization	10/01/19	None
0131U	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)	Requires Prior Authorization	Requires Prior Authorization	Requires Prior Authorization	Requires Prior Authorization	10/01/19	None
0132U	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)	Requires Prior Authorization	Requires Prior Authorization	Requires Prior Authorization	Requires Prior Authorization	10/01/19	None
0133U	Hereditary prostate cancer-related disorders, targeted mRNA sequence analysis panel (11 genes) (List separately in addition to code for primary procedure)	Requires Prior Authorization	Requires Prior Authorization	Requires Prior Authorization	Requires Prior Authorization	10/01/19	None
0134U	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)	Requires Prior Authorization	Requires Prior Authorization	Requires Prior Authorization	Requires Prior Authorization	10/01/19	None
0135U	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)	Requires Prior Authorization	Requires Prior Authorization	Requires Prior Authorization	Requires Prior Authorization	10/01/19	None
0136U	ATM (ataxia telangiectasia mutated) (eg, ataxia telangiectasia) mRNA sequence analysis (List separately in addition to code for primary procedure)	Requires Prior Authorization	Requires Prior Authorization	Requires Prior Authorization	Requires Prior Authorization	10/01/19	None
0137U	PALB2 (partner and localizer of BRCA2) (eg, breast and pancreatic cancer) mRNA sequence analysis (List separately in addition to code for primary procedure)	Requires Prior Authorization	Requires Prior Authorization	Requires Prior Authorization	Requires Prior Authorization	10/01/19	None
0138U	BRCA1 (BRCA1, DNA repair associated), BRCA2 (BRCA2, DNA repair associated) (eg, hereditary breast and ovarian cancer) mRNA sequence analysis (List separately in addition to code for primary procedure)	Requires Prior Authorization	Requires Prior Authorization	Requires Prior Authorization	Requires Prior Authorization	10/01/19	None
0153U	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	Requires Prior Authorization	Requires Prior Authorization	Requires Prior Authorization	Requires Prior Authorization	01/01/20	None
0156U	Copy number (eg, intellectual disability, dysmorphism), sequence analysis	Requires Prior Authorization	Requires Prior Authorization	Requires Prior Authorization	Requires Prior Authorization	01/01/20	None
0157U	APC (APC regulator of WNT signaling pathway) (eg, familial adenomatous polyposis [FAP]) mRNA sequence analysis (List separately in addition to code for primary procedure)	Requires Prior Authorization	Requires Prior Authorization	Requires Prior Authorization	Requires Prior Authorization	01/01/20	None
0158U	MLH1 (mutL homolog 1) (eg, hereditary non-polyposis colorectal cancer, Lynch syndrome) mRNA sequence analysis (List separately in addition to code for primary procedure)	Requires Prior Authorization	Requires Prior Authorization	Requires Prior Authorization	Requires Prior Authorization	01/01/20	None
0159U	MSH2 (mutS homolog 2) (eg, hereditary colon cancer, Lynch syndrome) mRNA sequence analysis (List separately in addition to code for primary procedure)	Requires Prior Authorization	Requires Prior Authorization	Requires Prior Authorization	Requires Prior Authorization	01/01/20	None
0160U	MSH6 (mutS homolog 6) (eg, hereditary colon cancer, Lynch syndrome) mRNA sequence analysis (List separately in addition to code for primary procedure)	Requires Prior Authorization	Requires Prior Authorization	Requires Prior Authorization	Requires Prior Authorization	01/01/20	None
0161U	PMS2 (PMS1 homolog 2, mismatch repair system component) (eg, hereditary non-polyposis colorectal cancer, Lynch syndrome) mRNA sequence analysis (List separately in addition to code for primary procedure)	Requires Prior Authorization	Requires Prior Authorization	Requires Prior Authorization	Requires Prior Authorization	01/01/20	None
0162U	Hereditary colon cancer (Lynch syndrome), targeted mRNA sequence analysis panel (MLH1, MSH2, MSH6, PMS2) (List separately in addition to code for primary procedure)	Requires Prior Authorization	Requires Prior Authorization	Requires Prior Authorization	Requires Prior Authorization	01/01/20	None
0169U	NUDT15 (nudix hydrolase 15) and TPMT (thiopurine S-methyltransferase) (eg, drug metabolism) gene analysis, common variants	Requires Prior Authorization	Requires Prior Authorization	Requires Prior Authorization	Requires Prior Authorization	04/01/20	None
0170U	Neurology (autism spectrum disorder [ASD]), RNA, next-generation sequencing, saliva, algorithmic analysis, and results reported as predictive probability of ASD diagnosis	Requires Prior Authorization	Requires Prior Authorization	Requires Prior Authorization	Requires Prior Authorization	04/01/20	None
0171U	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	Requires Prior Authorization	Requires Prior Authorization	Requires Prior Authorization	Requires Prior Authorization	04/01/20	None
0172U	Oncology (solid tumor as indicated by the label), somatic mutation analysis of BRCA1 (BRCA1, DNA repair associated), BRCA2 (BRCA2, DNA repair associated) and analysis of homologous recombination deficiency pathways, DNA, formalin-fixed paraffin-embedded tissue, algorithm quantifying tumor genomic instability score	Requires Prior Authorization	Requires Prior Authorization	Requires Prior Authorization	Requires Prior Authorization	07/01/20	None
0173U	Psychiatry (ie, depression, anxiety), genomic analysis panel, includes variant analysis of 14 genes	Requires Prior Authorization	Requires Prior Authorization	Requires Prior Authorization	Requires Prior Authorization	07/01/20	None
0175U	Psychiatry (eg, depression, anxiety), genomic analysis panel, variant analysis of 15 genes	Requires Prior Authorization	Requires Prior Authorization	Requires Prior Authorization	Requires Prior Authorization	07/01/20	None
0179U	Oncology (non-small cell lung cancer), cell-free DNA, targeted sequence analysis of 23 genes (single nucleotide variations, insertions and deletions, fusions without prior knowledge of partner/breakpoint, copy number variations), with report of significant mutation(s)	Requires Prior Authorization	Requires Prior Authorization	Requires Prior Authorization	Requires Prior Authorization	07/01/20	None
0203U	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 bowel disease aggressiveness	Requires Prior Authorization	Requires Prior Authorization	Requires Prior Authorization	Requires Prior Authorization	10/01/20	None
0205U	Ophthalmology (age-related macular degeneration), analysis of 3 gene variants (2 CFH gene, 1 ARMS2 gene), using PCR and MALDI-TOF, buccal swab, reported as positive or negative for neovascular age-related macular-degeneration risk associated with zinc supplements	Requires Prior Authorization	Requires Prior Authorization	Requires Prior Authorization	Requires Prior Authorization	10/01/20	None
0209U	Cytogenomic constitutional (genome-wide) analysis, interrogation of genomic regions for copy number, structural changes and areas of homozygosity for chromosomal abnormalities	Requires Prior Authorization	Requires Prior Authorization	Requires Prior Authorization	Requires Prior Authorization	10/01/20	None
0211U	Oncology (pan-tumor), DNA and RNA by next-generation sequencing, utilizing formalin-fixed paraffin-embedded tissue, interpretative report for single nucleotide variants, copy number alterations, tumor mutational burden, and microsatellite instability, with therapy association	Requires Prior Authorization	Requires Prior Authorization	Requires Prior Authorization	Requires Prior Authorization	10/01/20	None
0212U	Rare diseases (constitutional/heritable disorders), whole genome and mitochondrial DNA sequence analysis, 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, proband	Requires Prior Authorization	Requires Prior Authorization	Requires Prior Authorization	Requires Prior Authorization	10/01/20	None
0213U	Rare diseases (constitutional/heritable disorders), whole genome and mitochondrial DNA sequence analysis, 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, each comparator genome (eg, parent, sibling)	Requires Prior Authorization	Requires Prior Authorization	Requires Prior Authorization	Requires Prior Authorization	10/01/20	None
0214U	Rare diseases (constitutional/heritable disorders), whole exome and mitochondrial DNA sequence analysis, 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, proband	Requires Prior Authorization	Requires Prior Authorization	Requires Prior Authorization	Requires Prior Authorization	10/01/20	None
0215U	Rare diseases (constitutional/heritable disorders), whole exome and mitochondrial DNA sequence analysis, 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, each comparator exome (eg, parent, sibling)	Requires Prior Authorization	Requires Prior Authorization	Requires Prior Authorization	Requires Prior Authorization	10/01/20	None
0216U	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 categorization of genetic variants	Requires Prior Authorization	Requires Prior Authorization	Requires Prior Authorization	Requires Prior Authorization	10/01/20	None
0217U	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	Requires Prior Authorization	Requires Prior Authorization	Requires Prior Authorization	Requires Prior Authorization	10/01/20	None
0218U	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	Requires Prior Authorization	Requires Prior Authorization	Requires Prior Authorization	Requires Prior Authorization	10/01/20	None
0220U	Oncology (breast cancer), image analysis with artificial intelligence assessment of 12 histologic and immunohistochemical features, reported as a recurrence score	Requires Prior Authorization	Requires Prior Authorization	Requires Prior Authorization	Requires Prior Authorization	10/01/20	None
0228U	Oncology (prostate), multi-analyte 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	Requires Prior Authorization	Requires Prior Authorization	Requires Prior Authorization	Requires Prior Authorization	01/01/21	None
0229U	BCAT1 (Branched chain amino acid transaminase 1) and IKZF1 (IKAROS family zinc finger 1) (eg, colorectal cancer) promoter methylation analysis	Requires Prior Authorization	Requires Prior Authorization	Requires Prior Authorization	Requires Prior Authorization	01/01/21	None
0230U	AR (androgen receptor) (eg, spinal and bulbar muscular atrophy, Kennedy disease, X chromosome inactivation), full sequence analysis, including small sequence changes in exonic and intronic regions, deletions, duplications, short tandem repeat (STR) expansions, mobile element insertions, and variants in non-uniquely mappable regions	Requires Prior Authorization	Requires Prior Authorization	Requires Prior Authorization	Requires Prior Authorization	01/01/21	None
0231U	CACNA1A (calcium voltage-gated channel subunit alpha 1A) (eg, spinocerebellar ataxia), full gene analysis, including small sequence changes in exonic and intronic regions, deletions, duplications, short tandem repeat (STR) gene expansions, mobile element insertions, and variants in non-uniquely mappable regions	Requires Prior Authorization	Requires Prior Authorization	Requires Prior Authorization	Requires Prior Authorization	01/01/21	None
0232U	CSTB (cystatin B) (eg, progressive myoclonic epilepsy type 1A, Unverricht-Lundborg disease), full gene analysis, including small sequence changes in exonic and intronic regions, deletions, duplications, short tandem repeat (STR) expansions, mobile element insertions, and variants in non-uniquely mappable regions	Requires Prior Authorization	Requires Prior Authorization	Requires Prior Authorization	Requires Prior Authorization	01/01/21	None

Procedure Code	Full Description	How Code is Managed- Commercial	How Code is Managed- Hospital Medicaid	How Code is Managed- Independent Lab Medicaid	How Code is Managed- Medicare	AMA Effective Date	Termination Date
0233U	FXN (fataxin) (eg, Friedreich ataxia), gene analysis, including small sequence changes in exonic and intronic regions, deletions, duplications, short tandem repeat (STR) expansions, mobile element insertions, and variants in non-uniquely mappable regions	Requires Prior Authorization	Requires Prior Authorization	Requires Prior Authorization	Requires Prior Authorization	01/01/21	None
0234U	MECP2 (methyl CpG binding protein 2) (eg, Rett syndrome), full gene analysis, including small sequence changes in exonic and intronic regions, deletions, duplications, mobile element insertions, and variants in non-uniquely mappable regions	Requires Prior Authorization	Requires Prior Authorization	Requires Prior Authorization	Requires Prior Authorization	01/01/21	None
0235U	PTEN (phosphatase and tensin homolog) (eg, Cowden syndrome, PTEN hamartoma tumor syndrome), full gene analysis, including small sequence changes in exonic and intronic regions, deletions, duplications, mobile element insertions, and variants in non-uniquely mappable regions	Requires Prior Authorization	Requires Prior Authorization	Requires Prior Authorization	Requires Prior Authorization	01/01/21	None
0236U	SMN1 (survival of motor neuron 1, telomeric) and SMN2 (survival of motor neuron 2, centromeric) (eg, spinal muscular atrophy) full gene analysis, including small sequence changes in exonic and intronic regions, deletions, duplications, and mobile element insertions	Requires Prior Authorization	Requires Prior Authorization	Requires Prior Authorization	Requires Prior Authorization	01/01/21	None
0237U	Cardiac ion channelopathies (eg, Brugada syndrome, long QT syndrome, short QT syndrome, catecholaminergic polymorphic ventricular tachycardia), genomic sequence analysis panel including ANK2, CASQ2, CAV3, KCNE1, KCNE2, KCNH2, KCNJ2, KCNQ1, RYR2, and SCN5A, including small sequence changes in exonic and intronic regions, deletions, duplications, mobile element insertions, and variants in non-uniquely mappable regions	Requires Prior Authorization	Requires Prior Authorization	Requires Prior Authorization	Requires Prior Authorization	01/01/21	None
0238U	Oncology (Lynch syndrome), genomic DNA sequence analysis of MLH1, MSH2, MSH6, PMS2, and EPCAM, including small sequence changes in exonic and intronic regions, deletions, duplications, mobile element insertions, and variants in non-uniquely mappable regions	Requires Prior Authorization	Requires Prior Authorization	Requires Prior Authorization	Requires Prior Authorization	01/01/21	None
0239U	Targeted genomic sequence analysis panel, solid organ neoplasm, cell-free DNA, analysis of 311 or more genes, interrogation for sequence variants, gene copy number amplifications, and gene rearrangements	Requires Prior Authorization	Requires Prior Authorization	Requires Prior Authorization	Requires Prior Authorization	01/01/21	None
0242U	Targeted genomic sequence analysis panel, solid organ neoplasm, cell-free circulating DNA analysis of 55-74 genes, interrogation for sequence variants, gene copy number amplifications, and gene rearrangements	Requires Prior Authorization	Requires Prior Authorization	Requires Prior Authorization	Requires Prior Authorization	04/01/21	None
0244U	Oncology (solid organ), DNA, comprehensive genomic profiling, 257 genes, interrogation for single-nucleotide variants, insertions/deletions, copy number alterations, gene rearrangements, tumor-mutational burden and microsatellite instability, utilizing formalin-fixed paraffin-embedded tumor tissue	Requires Prior Authorization	Requires Prior Authorization	Requires Prior Authorization	Requires Prior Authorization	04/01/21	None
0245U	Oncology (thyroid), mutation analysis of 10 genes and 37 RNA fusions and expression of 4 mRNA markers using next-generation sequencing, fine needle aspirate, report includes associated risk of malignancy expressed as a percentage	Requires Prior Authorization	Requires Prior Authorization	Requires Prior Authorization	Requires Prior Authorization	04/01/21	None
0246U	Red blood cell antigen typing, DNA, genotyping of at least 16 blood groups with phenotype prediction of at least 51 red blood cell antigens	Requires Prior Authorization	Requires Prior Authorization	Requires Prior Authorization	Requires Prior Authorization	04/01/21	None
0250U	Oncology (solid organ neoplasm), targeted genomic sequence DNA analysis of 505 genes, interrogation for somatic alterations (SNVs [single nucleotide variant], small insertions and deletions, and amplification, and four translocations), microsatellite instability and tumor-mutation burden	Requires Prior Authorization	Requires Prior Authorization	Requires Prior Authorization	Requires Prior Authorization	07/01/21	None
0252U	Fetal aneuploidy short tandem-repeat comparative analysis, fetal DNA from products of conception, reported as normal (euploidy), monosomy, trisomy, or partial deletion/duplication, mosaicism, and segmental aneuploidy	Requires Prior Authorization	Requires Prior Authorization	Requires Prior Authorization	Requires Prior Authorization	07/01/21	None
0253U	Reproductive medicine (endometrial receptivity analysis), RNA gene expression profile, 238 genes by next-generation sequencing, endometrial tissue, predictive algorithm reported as endometrial window of implantation (eg, pre-receptive, receptive, post-receptive)	Requires Prior Authorization	Requires Prior Authorization	Requires Prior Authorization	Requires Prior Authorization	07/01/21	None
0254U	Reproductive medicine (preimplantation genetic assessment), analysis of 24 chromosomes using embryonic DNA genomic sequence analysis for aneuploidy, and a mitochondrial DNA score in euploid embryos, results reported as normal (euploidy), monosomy, trisomy, or partial deletion/duplication, mosaicism, and segmental aneuploidy, per embryo tested	Requires Prior Authorization	Requires Prior Authorization	Requires Prior Authorization	Requires Prior Authorization	07/01/21	None
0258U	Autoimmune (psoriasis), mRNA, next-generation sequencing, gene expression profiling of 50-100 genes, skin-surface collection using adhesive patch, algorithm reported as likelihood of response to psoriasis biologics	Requires Prior Authorization	Requires Prior Authorization	Requires Prior Authorization	Requires Prior Authorization	10/01/21	None
0260U	Rare diseases (constitutional/heritable disorders), identification of copy number variations, inversions, insertions, translocations, and other structural variants by optical genome mapping	Requires Prior Authorization	Requires Prior Authorization	Requires Prior Authorization	Requires Prior Authorization	10/01/21	None
0262U	Oncology (tumor), gene expression profiling by real-time RT-PCR of 7 gene pathways (ER, AR, PI3K, MAPK, VEGF, TGFβ, Notch), formalin-fixed paraffin-embedded (FFPE), algorithm reported as gene pathway activity score	Requires Prior Authorization	Requires Prior Authorization	Requires Prior Authorization	Requires Prior Authorization	10/01/21	None
0264U	Rare diseases (constitutional/heritable disorders), identification of copy number variations, inversions, insertions, translocations, and other structural variants by optical genome mapping	Requires Prior Authorization	Requires Prior Authorization	Requires Prior Authorization	Requires Prior Authorization	10/01/21	None
0265U	Rare constitutional and other heritable disorders, whole genome and mitochondrial DNA sequence analysis, blood, frozen and formalin-fixed paraffin-embedded (FFPE) tissue, saliva, buccal swabs or cell lines, identification of single nucleotide and copy number variants	Requires Prior Authorization	Requires Prior Authorization	Requires Prior Authorization	Requires Prior Authorization	10/01/21	None
0266U	Unexplained constitutional or other heritable disorders or syndromes, tissue-specific gene expression by whole-transcriptome and next-generation sequencing, blood, formalin-fixed paraffin-embedded (FFPE) tissue or fresh frozen tissue, reported as presence or absence of splicing or expression changes	Requires Prior Authorization	Requires Prior Authorization	Requires Prior Authorization	Requires Prior Authorization	10/01/21	None
0267U	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	Requires Prior Authorization	Requires Prior Authorization	Requires Prior Authorization	Requires Prior Authorization	10/01/21	None
0268U	Hematology (atypical hemolytic uremic syndrome [aHUS]), genomic sequence analysis of 15 genes, blood, buccal swab, or amniotic fluid	Requires Prior Authorization	Requires Prior Authorization	Requires Prior Authorization	Requires Prior Authorization	10/01/21	None
0269U	Hematology (autosomal dominant congenital thrombocytopenia), genomic sequence analysis of 22 genes, blood, buccal swab, or amniotic fluid	Requires Prior Authorization	Requires Prior Authorization	Requires Prior Authorization	Requires Prior Authorization	10/01/21	None
0270U	Hematology (congenital coagulation disorders), genomic sequence analysis of 20 genes, blood, buccal swab, or amniotic fluid	Requires Prior Authorization	Requires Prior Authorization	Requires Prior Authorization	Requires Prior Authorization	10/01/21	None
0271U	Hematology (congenital neutropenia), genomic sequence analysis of 24 genes, blood, buccal swab, or amniotic fluid	Requires Prior Authorization	Requires Prior Authorization	Requires Prior Authorization	Requires Prior Authorization	10/01/21	None
0272U	Hematology (genetic bleeding disorders), genomic sequence analysis of 60 genes and duplication/deletion of PLAU, blood, buccal swab, or amniotic fluid, comprehensive	Requires Prior Authorization	Requires Prior Authorization	Requires Prior Authorization	Requires Prior Authorization	10/01/21	None
0273U	Hematology (genetic hyperfibrinolysis, delayed bleeding), analysis of 9 genes (F13A1, F13B, FGA, FGB, FGG, SERPINA1, SERPINE1, SERPINF2 by next-generation sequencing, and PLAU by array comparative genomic hybridization), blood, buccal swab, or amniotic fluid	Requires Prior Authorization	Requires Prior Authorization	Requires Prior Authorization	Requires Prior Authorization	10/01/21	None
0274U	Hematology (genetic platelet disorders), genomic sequence analysis of 62 genes and duplication/deletion of PLAU, blood, buccal swab, or amniotic fluid	Requires Prior Authorization	Requires Prior Authorization	Requires Prior Authorization	Requires Prior Authorization	10/01/21	None
0276U	Hematology (inherited thrombocytopenia), genomic sequence analysis of 42 genes, blood, buccal swab, or amniotic fluid	Requires Prior Authorization	Requires Prior Authorization	Requires Prior Authorization	Requires Prior Authorization	10/01/21	None
0277U	Hematology (genetic platelet function disorder), genomic sequence analysis of 40 genes and duplication/deletion of PLAU, blood, buccal swab, or amniotic fluid	Requires Prior Authorization	Requires Prior Authorization	Requires Prior Authorization	Requires Prior Authorization	10/01/21	None
0278U	Hematology (genetic thrombosis), genomic sequence analysis of 14 genes, blood, buccal swab, or amniotic fluid	Requires Prior Authorization	Requires Prior Authorization	Requires Prior Authorization	Requires Prior Authorization	10/01/21	None
0282U	Red blood cell antigen typing, DNA, genotyping of 12 blood group system genes to predict 44 red blood cell antigen phenotypes	Requires Prior Authorization	Requires Prior Authorization	Requires Prior Authorization	Requires Prior Authorization	10/01/21	None
0285U	Oncology, disease progression and response monitoring to radiation, chemotherapy, or other systematic cancer treatments, cell-free DNA, quantitative branched chain DNA amplification, plasma, reported in ng/mL	Requires Prior Authorization	Requires Prior Authorization	Requires Prior Authorization	Requires Prior Authorization	01/01/22	None
0286U	CEP72 (centrosomal protein, 72-KDa), NUDT15 (nudix hydrolase 15) and TPMT (thiopurine S-methyltransferase) (eg, drug metabolism) gene analysis, common variants	Requires Prior Authorization	Requires Prior Authorization	Requires Prior Authorization	Requires Prior Authorization	01/01/22	None
0287U	Oncology (thyroid), DNA and mRNA, next-generation sequencing analysis of 112 genes, fine needle aspirate or formalin-fixed paraffin-embedded (FFPE) tissue, algorithmic prediction of cancer recurrence, reported as a categorical risk result (low, intermediate, high)	Requires Prior Authorization	Requires Prior Authorization	Requires Prior Authorization	Requires Prior Authorization	01/01/22	None
0288U	Oncology (lung), mRNA, quantitative PCR analysis of 11 genes (BAG1, BRCA1, CDC6, CDK2AP1, ERBB3, FUT3, L11, LCK, RND3, SH3BGRL, WNT3A) and 3 reference genes (ESD, TBP, YAP1), formalin-fixed paraffin-embedded (FFPE) tumor tissue, algorithmic interpretation reported as a recurrence risk score	Requires Prior Authorization	Requires Prior Authorization	Requires Prior Authorization	Requires Prior Authorization	01/01/22	None
0289U	Neurology (Alzheimer disease), mRNA, gene expression profiling by RNA sequencing of 24 genes, whole blood, algorithm reported as predictive risk score	Requires Prior Authorization	Requires Prior Authorization	Requires Prior Authorization	Requires Prior Authorization	01/01/22	None
0290U	Pain management, mRNA, gene expression profiling by RNA sequencing of 36 genes, whole blood, algorithm reported as predictive risk score	Requires Prior Authorization	Requires Prior Authorization	Requires Prior Authorization	Requires Prior Authorization	01/01/22	None
0291U	Psychiatry (mood disorders), mRNA, gene expression profiling by RNA sequencing of 144 genes, whole blood, algorithm reported as predictive risk score	Requires Prior Authorization	Requires Prior Authorization	Requires Prior Authorization	Requires Prior Authorization	01/01/22	None
0292U	Psychiatry (stress disorders), mRNA, gene expression profiling by RNA sequencing of 72 genes, whole blood, algorithm reported as predictive risk score	Requires Prior Authorization	Requires Prior Authorization	Requires Prior Authorization	Requires Prior Authorization	01/01/22	None
0293U	Psychiatry (suicidal ideation), mRNA, gene expression profiling by RNA sequencing of 54 genes, whole blood, algorithm reported as predictive risk score	Requires Prior Authorization	Requires Prior Authorization	Requires Prior Authorization	Requires Prior Authorization	01/01/22	None
0294U	Longevity and mortality risk, mRNA, gene expression profiling by RNA sequencing of 18 genes, whole blood, algorithm reported as predictive risk score	Requires Prior Authorization	Requires Prior Authorization	Requires Prior Authorization	Requires Prior Authorization	01/01/22	None

Procedure Code	Full Description	How Code is Managed- Commercial	How Code is Managed- Hospital Medicaid	How Code is Managed- Independent Lab Medicaid	How Code is Managed- Medicare	AMA Effective Date	Termination Date
0296U	Oncology (oral and/or oropharyngeal cancer), gene expression profiling by RNA sequencing of at least 20 molecular features (eg, human and/or microbial mRNA), saliva, algorithm reported as positive or negative for signature associated with malignancy	Requires Prior Authorization	Requires Prior Authorization	Requires Prior Authorization	Requires Prior Authorization	01/01/22	None
0297U	Oncology (pan tumor), whole genome sequencing of paired malignant and normal DNA specimens, fresh or formalin-fixed paraffin-embedded (FFPE) tissue, blood or bone marrow, comparative sequence analyses and variant identification	Requires Prior Authorization	Requires Prior Authorization	Requires Prior Authorization	Requires Prior Authorization	01/01/22	None
0298U	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	Requires Prior Authorization	Requires Prior Authorization	Requires Prior Authorization	Requires Prior Authorization	01/01/22	None
0299U	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	Requires Prior Authorization	Requires Prior Authorization	Requires Prior Authorization	Requires Prior Authorization	01/01/22	None
0300U	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 analyses and variant identification	Requires Prior Authorization	Requires Prior Authorization	Requires Prior Authorization	Requires Prior Authorization	01/01/22	None
0306U	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	Requires Prior Authorization	Requires Prior Authorization	Requires Prior Authorization	Requires Prior Authorization	04/01/22	None
0307U	Oncology (minimal residual disease [MRD]), next-generation targeted sequencing analysis of a patient-specific panel, cell-free DNA, subsequent assessment with comparison to previously analyzed patient specimens to evaluate for MRD	Requires Prior Authorization	Requires Prior Authorization	Requires Prior Authorization	Requires Prior Authorization	04/01/22	None
0313U	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)	Requires Prior Authorization	Requires Prior Authorization	Requires Prior Authorization	Requires Prior Authorization	04/01/22	None
0314U	Oncology (cutaneous melanoma), mRNA gene expression profiling by RT-PCR of 35 genes (32 content and 3 housekeeping), utilizing formalin-fixed paraffin-embedded (FFPE) tissue, algorithm reported as a categorical result (ie, benign, intermediate, malignant)	Requires Prior Authorization	Requires Prior Authorization	Requires Prior Authorization	Requires Prior Authorization	04/01/22	None
0315U	Oncology (cutaneous squamous cell carcinoma), mRNA gene expression profiling by RT-PCR of 40 genes (34 content and 6 housekeeping), utilizing formalin-fixed paraffin-embedded (FFPE) tissue, algorithm reported as a categorical risk result (ie, Class 1, Class 2A, Class 2B)	Requires Prior Authorization	Requires Prior Authorization	Requires Prior Authorization	Requires Prior Authorization	04/01/22	None
0317U	Oncology (lung cancer), four-probe FISH (3q29, 3p22.1, 10q22.3, 10cen) assay, whole blood, predictive algorithm-generated evaluation reported as decreased or increased risk for lung cancer	Requires Prior Authorization	Requires Prior Authorization	Requires Prior Authorization	Requires Prior Authorization	04/01/22	None
0318U	Pediatrics (congenital epigenetic disorders), whole genome methylation analysis by microarray for 50 or more genes, blood	Requires Prior Authorization	Requires Prior Authorization	Requires Prior Authorization	Requires Prior Authorization	04/01/22	None
0319U	Nephrology (renal transplant), RNA expression by select transcriptome sequencing, using pretransplant peripheral blood, algorithm reported as a risk score for early acute rejection	Requires Prior Authorization	Requires Prior Authorization	Requires Prior Authorization	Requires Prior Authorization	04/01/22	None
0320U	Nephrology (renal transplant), RNA expression by select transcriptome sequencing, using posttransplant peripheral blood, algorithm reported as a risk score for acute cellular rejection	Requires Prior Authorization	Requires Prior Authorization	Requires Prior Authorization	Requires Prior Authorization	04/01/22	None
0326U	Targeted genomic sequence analysis panel, solid organ neoplasm, cell-free circulating DNA analysis of 83 or more genes, interrogation for sequence variants, gene copy number amplifications, gene rearrangements, microsatellite instability and tumor mutational burden	Requires Prior Authorization	Requires Prior Authorization	Requires Prior Authorization	Requires Prior Authorization	07/01/22	None
0329U	Oncology (neoplasia), exome and transcriptome sequence analysis for sequence variants, gene copy number amplifications and deletions, gene rearrangements, microsatellite instability and tumor mutational burden utilizing DNA and RNA from tumor with DNA from normal blood or saliva for subtraction, report of clinically significant mutation(s) with therapy associations	Requires Prior Authorization	Requires Prior Authorization	Requires Prior Authorization	Requires Prior Authorization	07/01/22	None
0331U	Oncology (hematolymphoid neoplasia), optical genome mapping for copy number alterations and gene rearrangements utilizing DNA from blood or bone marrow, report of clinically significant alterations	Requires Prior Authorization	Requires Prior Authorization	Requires Prior Authorization	Requires Prior Authorization	07/01/22	None
0332U	Oncology (pan-tumor), genetic profiling of 8 DNA-regulatory (epigenetic) markers by quantitative polymerase chain reaction (qPCR), whole blood, reported as a high or low probability of responding to immune checkpoint-inhibitor therapy	Requires Prior Authorization	Requires Prior Authorization	Requires Prior Authorization	Requires Prior Authorization	10/01/22	None
0333U	Oncology (liver), surveillance for hepatocellular carcinoma (HCC) in high-risk patients, analysis of methylation patterns on circulating cell-free DNA (cfDNA) plus measurement of serum of AFP/AFP-L3 and oncoprotein des-gamma-carboxy-prothrombin (DCP), algorithm reported as normal or abnormal result	Requires Prior Authorization	Requires Prior Authorization	Requires Prior Authorization	Requires Prior Authorization	10/01/22	None
0334U	Oncology (solid organ), targeted genomic sequence analysis, formalin-fixed paraffin-embedded (FFPE) tumor tissue, DNA analysis, 34 or more genes, interrogation for sequence variants, gene copy number amplifications, gene rearrangements, microsatellite instability and tumor mutational burden	Requires Prior Authorization	Requires Prior Authorization	Requires Prior Authorization	Requires Prior Authorization	10/01/22	None
0335U	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	Requires Prior Authorization	Requires Prior Authorization	Requires Prior Authorization	Requires Prior Authorization	10/01/22	None
0336U	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)	Requires Prior Authorization	Requires Prior Authorization	Requires Prior Authorization	Requires Prior Authorization	10/01/22	None
0339U	Oncology (prostate), mRNA expression profiling of HOXC6 and DLX1, reverse transcription polymerase chain reaction (RT-qPCR), first-void urine following digital rectal examination, algorithm reported as probability of high-grade cancer	Requires Prior Authorization	Requires Prior Authorization	Requires Prior Authorization	Requires Prior Authorization	10/01/22	None
0340U	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	Requires Prior Authorization	Requires Prior Authorization	Requires Prior Authorization	Requires Prior Authorization	10/01/22	None
0341U	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 aneuploid	Requires Prior Authorization	Requires Prior Authorization	Requires Prior Authorization	Requires Prior Authorization	10/01/22	None
0343U	Oncology (prostate), exome-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	Requires Prior Authorization	Requires Prior Authorization	Requires Prior Authorization	Requires Prior Authorization	10/01/22	None
0345U	Psychiatry (eg, depression, anxiety, attention deficit hyperactivity disorder [ADHD]), genomic analysis panel, variant analysis of 15 genes, including deletion/duplication analysis of CYP2D6	Requires Prior Authorization	Requires Prior Authorization	Requires Prior Authorization	Requires Prior Authorization	10/01/22	None
0347U	Drug metabolism or processing (multiple conditions), whole blood or buccal specimen, DNA analysis, 16 gene report, with variant analysis and reported phenotypes	Requires Prior Authorization	Requires Prior Authorization	Requires Prior Authorization	Requires Prior Authorization	10/01/22	None
0348U	Drug metabolism or processing (multiple conditions), whole blood or buccal specimen, DNA analysis, 25 gene report, with variant analysis and reported phenotypes	Requires Prior Authorization	Requires Prior Authorization	Requires Prior Authorization	Requires Prior Authorization	10/01/22	None
0349U	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	Requires Prior Authorization	Requires Prior Authorization	Requires Prior Authorization	Requires Prior Authorization	10/01/22	None
0350U	Drug metabolism or processing (multiple conditions), whole blood or buccal specimen, DNA analysis, 27 gene report, with variant analysis and reported phenotypes	Requires Prior Authorization	Requires Prior Authorization	Requires Prior Authorization	Requires Prior Authorization	10/01/22	None
0355U	APOL1 (apolipoprotein L1) (eg, chronic kidney disease), risk variants (G1, G2)	Requires Prior Authorization	Requires Prior Authorization	Requires Prior Authorization	Requires Prior Authorization	01/01/23	None
0356U	Oncology (oropharyngeal or anal), evaluation of 17 DNA biomarkers using droplet digital PCR (ddPCR), cell-free DNA, algorithm reported as a prognostic risk score for cancer recurrence	Requires Prior Authorization	Requires Prior Authorization	Requires Prior Authorization	Requires Prior Authorization	01/01/23	None
0362U	Oncology (papillary thyroid cancer), gene-expression profiling via targeted hybrid capture-enrichment RNA sequencing of 82 content genes and 10 housekeeping genes, fine needle aspirate or formalin-fixed paraffin-embedded (FFPE) tissue, algorithm reported as one of three molecular subtypes	Requires Prior Authorization	Requires Prior Authorization	Requires Prior Authorization	Requires Prior Authorization	01/01/23	None
0363U	Oncology (urothelial), mRNA, gene-expression profiling by real-time quantitative PCR of 5 genes (MDK, HOXA13, CDC2 [CK1], IGFBP5, and CXCR2), utilizing urine, algorithm incorporates age, sex, smoking history, and macrohematuria frequency, reported as a risk score for having urothelial carcinoma	Requires Prior Authorization	Requires Prior Authorization	Requires Prior Authorization	Requires Prior Authorization	01/01/23	None
0364U	Oncology (hematolymphoid neoplasm), genomic sequence analysis using multiplex (PCR) and next-generation sequencing with algorithm, quantification of dominant clonal sequence(s), reported as presence or absence of minimal residual disease (MRD) with quantitation of disease burden, when appropriate	Requires Prior Authorization	Requires Prior Authorization	Requires Prior Authorization	Requires Prior Authorization	04/01/23	None
0368U	Oncology (colorectal cancer), evaluation for mutations of APC, BRAF, CTNNB1, KRAS, NRAS, PIK3CA, SMAD4, and TP53, and methylation markers (MYO1G, KCNQ5, C9ORF50, FLI1, CLIP4, ZNF132 and TWIST1), multiplex quantitative polymerase chain reaction (qPCR), circulating cell-free DNA (cfDNA), plasma, report of risk score for advanced adenoma or colorectal cancer	Requires Prior Authorization	Requires Prior Authorization	Requires Prior Authorization	Requires Prior Authorization	04/01/23	None
0379U	Targeted genomic sequence analysis panel, solid organ neoplasm, DNA (523 genes) and RNA (55 genes) by next-generation sequencing, interrogation for sequence variants, gene copy number amplifications, gene rearrangements, microsatellite instability, and tumor mutational burden	Requires Prior Authorization	Requires Prior Authorization	Requires Prior Authorization	Requires Prior Authorization	04/01/23	None
0388U	Oncology (non-small cell lung cancer), next-generation sequencing with identification of single nucleotide variants, copy number variants, insertions and deletions, and structural variants in 37 cancer-related genes, plasma, with report for alteration detection	Requires Prior Authorization	Requires Prior Authorization	Requires Prior Authorization	Requires Prior Authorization	07/01/23	None
0389U	Pediatric febrile illness (Kawasaki disease [KD]), interferon alpha-inducible protein 27 (IFI27) and mast cell-expressed membrane protein 1 (MCERP1), RNA, using quantitative reverse transcription polymerase chain reaction (RT-qPCR), blood, reported as a risk score for KD	Requires Prior Authorization	Requires Prior Authorization	Requires Prior Authorization	Requires Prior Authorization	07/01/23	None



Procedure Code	Full Description	How Code is Managed- Commercial	How Code is Managed- Hospital Medicaid	How Code is Managed- Independent Lab Medicaid	How Code is Managed- Medicare	AMA Effective Date	Termination Date
0391U	Oncology (solid tumor), DNA and RNA by next-generation sequencing, utilizing formalin-fixed paraffin-embedded (FFPE) tissue, 437 genes, interpretive report for single nucleotide variants, splice-site variants, insertions/deletions, copy number alterations, gene fusions, tumor mutational burden, and microsatellite instability, with algorithm quantifying immunotherapy response score	Requires Prior Authorization	Requires Prior Authorization	Requires Prior Authorization	Requires Prior Authorization	07/01/23	None
0392U	Drug metabolism (depression, anxiety, attention deficit hyperactivity disorder [ADHD]), gene-drug interactions, variant analysis of 16 genes, including deletion/duplication analysis of CYP2D6, reported as impact of gene-drug interaction for each drug	Requires Prior Authorization	Requires Prior Authorization	Requires Prior Authorization	Requires Prior Authorization	07/01/23	None
0395U	Oncology (lung), multi-omics (microbial DNA by shotgun next-generation sequencing and carcinoembryonic antigen and osteopontin by immunoassay), plasma, algorithm reported as malignancy risk for lung nodules in early-stage disease	Requires Prior Authorization	Requires Prior Authorization	Requires Prior Authorization	Requires Prior Authorization	07/01/23	None
0398U	Gastroenterology (Barrett esophagus), P16, RUNX3, HPF1, and FBX1 DNA methylation analysis using PCR, formalin-fixed paraffin-embedded (FFPE) tissue, algorithm reported as risk score for progression to high-grade dysplasia or cancer	Requires Prior Authorization	Requires Prior Authorization	Requires Prior Authorization	Requires Prior Authorization	07/01/23	None
0400U	Obstetrics (expanded carrier screening), 145 genes by next-generation sequencing, fragment analysis and multiplex ligation-dependent probe amplification, DNA, reported as carrier positive or negative	Requires Prior Authorization	Requires Prior Authorization	Requires Prior Authorization	Requires Prior Authorization	07/01/23	None
0401U	Cardiology (coronary heart disease [CHD]), 9 genes (12 variants), targeted variant genotyping, blood, saliva, or buccal swab, algorithm reported as a genetic risk score for a coronary event	Requires Prior Authorization	Requires Prior Authorization	Requires Prior Authorization	Requires Prior Authorization	07/01/23	None
0403U	Oncology (prostate), mRNA, gene expression profiling of 18 genes, first-catch post-digital rectal examination urine (or processed first-catch urine), algorithm reported as percentage of likelihood of detecting clinically significant prostate cancer	Requires Prior Authorization	Requires Prior Authorization	Requires Prior Authorization	Requires Prior Authorization	10/01/23	None
0405U	Oncology (pancreatic), 59 methylation haplotype block markers, next-generation sequencing, plasma, reported as cancer signal detected or not detected	Requires Prior Authorization	Requires Prior Authorization	Requires Prior Authorization	Requires Prior Authorization	10/01/23	None
0409U	Oncology (solid tumor), DNA (80 genes) and RNA (36 genes), by next-generation sequencing from plasma, including single nucleotide variants, insertions/deletions, copy number alterations, microsatellite instability, and fusions, report showing identified mutations with clinical actionability	Requires Prior Authorization	Requires Prior Authorization	Requires Prior Authorization	Requires Prior Authorization	10/01/23	None
0410U	Oncology (pancreatic), DNA, whole genome sequencing with 5-hydroxymethylcytosine enrichment, whole blood or plasma, algorithm reported as cancer detected or not detected	Requires Prior Authorization	Requires Prior Authorization	Requires Prior Authorization	Requires Prior Authorization	10/01/23	None
0411U	Psychiatry (eg, depression, anxiety, attention deficit hyperactivity disorder [ADHD]), genomic analysis panel, variant analysis of 15 genes, including deletion/duplication analysis of CYP2D6	Requires Prior Authorization	Requires Prior Authorization	Requires Prior Authorization	Requires Prior Authorization	10/01/23	None
0413U	Oncology (hematolymphoid neoplasm), optical genome mapping for copy number alterations, aneuploidy, and balanced/complex structural rearrangements, DNA from blood or bone marrow, report of clinically significant alterations	Requires Prior Authorization	Requires Prior Authorization	Requires Prior Authorization	Requires Prior Authorization	10/01/23	None
0414U	Oncology (lung), augmentative algorithmic analysis of digitized whole slide imaging for 8 genes (ALK, BRAF, EGFR, ERBB2, MET, NTRK1-3, RET, ROS1), and KRAS G12C and PD-L1, if performed, formalin-fixed paraffin-embedded (FFPE) tissue, reported as positive or negative for each biomarker	Requires Prior Authorization	Requires Prior Authorization	Requires Prior Authorization	Requires Prior Authorization	10/01/23	None
0417U	Rare diseases (constitutional/heritable disorders), whole mitochondrial genome sequence with heteroplasmy detection and deletion analysis, nuclear-encoded mitochondrial gene analysis of 335 nuclear genes, including sequence changes, deletions, insertions, and copy number variants analysis, blood or saliva, identification and categorization of mitochondrial disorder-associated genetic variants	Requires Prior Authorization	Requires Prior Authorization	Requires Prior Authorization	Requires Prior Authorization	10/01/23	None
0418U	Oncology (breast), augmentative algorithmic analysis of digitized whole slide imaging of 8 histologic and immunohistochemical features, reported as a recurrence score	Requires Prior Authorization	Requires Prior Authorization	Requires Prior Authorization	Requires Prior Authorization	10/01/23	None
0419U	Neuropsychiatry (eg, depression, anxiety), genomic sequence analysis panel, variant analysis of 13 genes, saliva or buccal swab, report of each gene phenotype	Requires Prior Authorization	Requires Prior Authorization	Requires Prior Authorization	Requires Prior Authorization	10/01/23	None
0420U	Oncology (urothelial), mRNA expression profiling by real-time quantitative PCR of MDK, HOXA13, CDC2, IGFBP5, and CXCR2 in combination with droplet digital PCR (ddPCR) analysis of 6 single-nucleotide polymorphisms (SNPs) genes TERT and FGF3R3, urine, algorithm reported as a risk score for urothelial carcinoma	Requires Prior Authorization	Requires Prior Authorization	Requires Prior Authorization	Requires Prior Authorization	01/01/24	None
0421U	Oncology (colorectal) screening, quantitative real-time target and signal amplification of 8 RNA markers (GAPDH, SMAAD4, ACY1, AREG, COH1, KRAS, TNFRSF10B, EGLN2) and fecal hemoglobin, algorithm reported as a positive or negative for colorectal cancer risk	Requires Prior Authorization	Requires Prior Authorization	Requires Prior Authorization	Requires Prior Authorization	01/01/24	None
0422U	Oncology (pan-solid tumor), analysis of DNA biomarker response to anti-cancer therapy using cell-free circulating DNA, biomarker comparison to a previous baseline pre-treatment cell-free circulating DNA analysis using next-generation sequencing, algorithm reported as a quantitative change from baseline, including specific alterations, if appropriate	Requires Prior Authorization	Requires Prior Authorization	Requires Prior Authorization	Requires Prior Authorization	01/01/24	None
0423U	Psychiatry (eg, depression, anxiety), genomic analysis panel, including variant analysis of 26 genes, buccal swab, report including metabolizer status and risk of drug toxicity by condition	Requires Prior Authorization	Requires Prior Authorization	Requires Prior Authorization	Requires Prior Authorization	01/01/24	None
0424U	Oncology (prostate), exosome-based analysis of 53 small noncoding RNAs (snRNAs) by quantitative reverse transcription polymerase chain reaction (RT-qPCR), urine, reported as no molecular evidence, low-, moderate- or elevated-risk of prostate cancer	Requires Prior Authorization	Requires Prior Authorization	Requires Prior Authorization	Requires Prior Authorization	01/01/24	None
0425U	Genome (eg, unexplained constitutional or heritable disorder or syndrome), rapid sequence analysis, each comparator genome (eg, parents, siblings)	Requires Prior Authorization	Requires Prior Authorization	Requires Prior Authorization	Requires Prior Authorization	01/01/24	None
0426U	Genome (eg, unexplained constitutional or heritable disorder or syndrome), ultra-rapid sequence analysis	Requires Prior Authorization	Requires Prior Authorization	Requires Prior Authorization	Requires Prior Authorization	01/01/24	None
0433U	Oncology (prostate), 5 DNA regulatory markers by quantitative PCR, whole blood, algorithm, including prostate-specific antigen, reported as likelihood of cancer	Requires Prior Authorization	Requires Prior Authorization	Requires Prior Authorization	Requires Prior Authorization	01/01/24	None
0434U	Drug metabolism (adverse drug reactions and drug response), genomic analysis panel, variant analysis of 25 genes with reported phenotypes	Requires Prior Authorization	Requires Prior Authorization	Requires Prior Authorization	Requires Prior Authorization	01/01/24	None
0437U	Psychiatry (anxiety disorders), mRNA, gene expression profiling by RNA sequencing of 15 biomarkers, whole blood, algorithm reported as predictive risk score	Requires Prior Authorization	Requires Prior Authorization	Requires Prior Authorization	Requires Prior Authorization	01/01/24	None
0438U	Drug metabolism (adverse drug reactions and drug response), buccal specimen, gene-drug interactions, variant analysis of 33 genes, including deletion/duplication analysis of CYP2D6, including reported phenotypes and impacted gene-drug interactions	Requires Prior Authorization	Requires Prior Authorization	Requires Prior Authorization	Requires Prior Authorization	01/01/24	None
0439U	Cardiology (coronary heart disease [CHD]), DNA, analysis of 5 single-nucleotide polymorphisms (SNPs) (rs1171600) [LOC10237654], rs656711 [VDRIT], rs735222 [SCN10C-1078676], rs620447 [intergenic], and rs638144 [ESYT2]) and 3 DNA methylation markers (cg0300879 [transcription start site [TSS200] of CTKSR1], cg0952548 [intergenic], and cg1478911 [body of SPAT1 C1]), qPCR and digital PCR, whole blood, algorithm reported as a 4-tiered risk score for a 3-year risk of symptomatic CHD	Requires Prior Authorization	Requires Prior Authorization	Requires Prior Authorization	Requires Prior Authorization	04/01/24	
0440U	Cardiology (coronary heart disease [CHD]), DNA, analysis of 10 single-nucleotide polymorphisms (SNPs) (rs110987 [LINC010010], rs1333048 [CKRN2B-AS1], rs12129789 [KCND3], rs942317 [KTN1-AS1], rs1441433 [PPP3CA], rs2869675 [PRKX1], rs4639796 [ZBTB41], rs4376434 [LINC00972], rs12714414 [TMEM18], and rs735056 [TMEM18]) and 6 DNA methylation markers (cg02725309 [SARS1], cg12566707 [CXCL1], cg0488978 [MPO], cg17901584 [DHCR24-D1], cg21161138 [AHR], and cg12655112 [EHD4]), qPCR and digital PCR, whole blood, algorithm reported as detected or not detected for CHD	Requires Prior Authorization	Requires Prior Authorization	Requires Prior Authorization	Requires Prior Authorization	04/01/24	None
0444U	Oncology (solid organ neoplasia), targeted genomic sequence analysis panel of 361 genes, interrogation for gene fusions, translocations, or other rearrangements, using DNA from formalin-fixed paraffin-embedded (FFPE) tumor tissue, report of clinically significant variant(s)	Requires Prior Authorization	Requires Prior Authorization	Requires Prior Authorization	Requires Prior Authorization	04/01/24	None
0449U	Carrier screening for severe inherited conditions (eg, cystic fibrosis, spinal muscular atrophy, beta hemoglobinopathies [including sickle cell disease], alpha thalassemia), regardless of race or self-identified ancestry, genomic sequence analysis panel, must include analysis of 5 genes (CFTR, SMN1, HBB, HBA1, HBA2)	Requires Prior Authorization	Requires Prior Authorization	Requires Prior Authorization	Requires Prior Authorization	04/01/24	None
0452U	Oncology (bladder), methylated PKNK DNA detection by linear target enrichment-quantitative methylation-specific real-time PCR (LTE-qMSP), urine, reported as likelihood of bladder cancer	Requires Prior Authorization	Requires Prior Authorization	Requires Prior Authorization	Requires Prior Authorization	07/01/24	None
0453U	Oncology (colorectal cancer), cell-free DNA (cfDNA), methylation-based quantitative PCR assay (SEPTIN8, KCF1, BCL11, Septin2, VEGF, SCAN), plasma, reported as presence or absence of circulating tumor DNA (ctDNA)	Requires Prior Authorization	Requires Prior Authorization	Requires Prior Authorization	Requires Prior Authorization	07/01/24	None
0454U	Rare diseases (constitutional/heritable disorders), identification of copy number variations, inversions, insertions, translocations, and other structural variants by optical genome mapping	Requires Prior Authorization	Requires Prior Authorization	Requires Prior Authorization	Requires Prior Authorization	07/01/24	None
0460U	Oncology, whole blood or buccal, DNA single-nucleotide polymorphism (SNP) genotyping by real-time PCR of 24 genes, with variant analysis and reported phenotypes	Requires Prior Authorization	Requires Prior Authorization	Requires Prior Authorization	Requires Prior Authorization	07/01/24	None
0461U	Oncology, pharmacogenomic analysis of single-nucleotide polymorphism (SNP) genotyping by real-time PCR of 24 genes, whole blood or buccal swab, with variant analysis, including impacted gene-drug interactions and reported phenotypes	Requires Prior Authorization	Requires Prior Authorization	Requires Prior Authorization	Requires Prior Authorization	07/01/24	None
0464U	Oncology (colorectal) screening, quantitative real-time target and signal amplification, methylated DNA markers, including JASS4, LRRC4, and PPP2R2C, a reference marker ZDHHC1, and a protein marker (fecal hemoglobin), utilizing stool, algorithm reported as a positive or negative result	Requires Prior Authorization	Requires Prior Authorization	Requires Prior Authorization	Requires Prior Authorization	07/01/24	None
0465U	Oncology (urothelial carcinoma), DNA, quantitative methylation-specific PCR of 2 genes (ONECUT2, VIM), algorithmic analysis reported as positive or negative	Requires Prior Authorization	Requires Prior Authorization	Requires Prior Authorization	Requires Prior Authorization	07/01/24	None
0466U	Cardiology (coronary artery disease [CAD]), DNA, genome-wide association studies (564856 single-nucleotide polymorphisms [SNPs]), targeted variant genotyping, patient lifestyle and clinical data, buccal swab, algorithm reported as polygenic risk to acquired heart disease	Requires Prior Authorization	Requires Prior Authorization	Requires Prior Authorization	Requires Prior Authorization	07/01/24	None

Procedure Code	Full Description	How Code is Managed- Commercial	How Code is Managed- Hospital Medicaid	How Code is Managed- Independent Lab Medicaid	How Code is Managed- Medicare	AMA Effective Date	Termination Date
0467U	Oncology (bladder), DNA, next-generation sequencing (NGS) of 60 genes and whole genome aneuploidy, urine, algorithms reported as minimal residual disease (MRD) status positive or negative and quantitative disease burden	Requires Prior Authorization	Requires Prior Authorization	Requires Prior Authorization	Requires Prior Authorization	07/01/24	None
0469U	Rare diseases (constitutional/heritable disorders), whole genome sequence analysis for chromosomal abnormalities, copy number variants, duplications/deletions, inversions, unbalanced translocations, regions of homozygosity (ROH), inheritance pattern that indicate uniparental disomy (UPD), and aneuploidy, fetal sample (amniotic fluid, chorionic villus sample, or products of conception), identification and categorization of genetic variants, diagnostic report of fetal results based on phenotype with maternal sample and paternal sample, if performed, as comparators and/or maternal cell contamination	Requires Prior Authorization	Requires Prior Authorization	Requires Prior Authorization	Requires Prior Authorization	07/01/24	None
0470U	Oncology (oropharyngeal), detection of minimal residual disease by next-generation sequencing (NGS) based quantitative evaluation of 3 DNA targets, cell-free HPV 16 and 18 DNA from plasma	Requires Prior Authorization	Requires Prior Authorization	Requires Prior Authorization	Requires Prior Authorization	07/01/24	None
0473U	Oncology (solid tumor), next-generation sequencing (NGS) of DNA from formalin-fixed paraffin-embedded (FFPE) tissue with comparative sequence analysis from a matched normal specimen (blood or saliva), 648 genes, interrogation for sequence variants, insertion and deletion alterations, copy number variants, rearrangements, microsatellite instability, and tumor-mutation burden	Requires Prior Authorization	Requires Prior Authorization	Requires Prior Authorization	Requires Prior Authorization	07/01/24	None
0474U	Hereditary pan-cancer (eg, hereditary sarcomas, hereditary endocrine tumors, hereditary neuroendocrine tumors, hereditary cutaneous melanoma), genomic sequence analysis panel of 88 genes with 20 duplications/deletions using next-generation sequencing (NGS), Sanger sequencing, blood or saliva, reported as positive or negative for germline variants, each gene	Requires Prior Authorization	Requires Prior Authorization	Requires Prior Authorization	Requires Prior Authorization	07/01/24	None
0475U	Hereditary prostate cancer-related disorders, genomic sequence analysis panel using next-generation sequencing (NGS), Sanger sequencing, multiplex ligation-dependent probe amplification (MLPA), and array comparative genomic hybridization (CGH), evaluation of 23 genes and duplications/deletions when indicated, pathologic mutations reported with a genetic risk score for prostate cancer	Requires Prior Authorization	Requires Prior Authorization	Requires Prior Authorization	Requires Prior Authorization	07/01/24	None
0476U	Drug metabolism, psychiatry (eg, major depressive disorder, general anxiety disorder, attention deficit hyperactivity disorder [ADHD], schizophrenia), whole blood, buccal swab, and pharmacogenomic genotyping of 14 genes and CYP2D6 copy number variant analysis and reported phenotypes	Requires Prior Authorization	Requires Prior Authorization	Requires Prior Authorization	Requires Prior Authorization	10/01/24	None
0477U	Drug metabolism, psychiatry (eg, major depressive disorder, general anxiety disorder, attention deficit hyperactivity disorder [ADHD], schizophrenia), whole blood, buccal swab, and pharmacogenomic genotyping of 14 genes and CYP2D6 copy number variant analysis, including impacted gene-drug interactions and reported phenotypes	Requires Prior Authorization	Requires Prior Authorization	Requires Prior Authorization	Requires Prior Authorization	10/01/24	None
0478U	Oncology (non-small cell lung cancer), DNA and RNA, digital PCR analysis of 9 genes (EGFR, KRAS, BRAF, ALK, ROS1, RET, NTRK 1/2/3, ERBB2, and MET) in formalin-fixed paraffin-embedded (FFPE) tissue, interrogation for single-nucleotide variants, insertions/deletions, gene rearrangements, and reported as actionable detected variants for therapy selection	Requires Prior Authorization	Requires Prior Authorization	Requires Prior Authorization	Requires Prior Authorization	10/01/24	None
0481U	IDH1 (isocitrate dehydrogenase 1 [NADP+]), IDH2 (isocitrate dehydrogenase 2 [NADP+]), and TERT (telomerase reverse transcriptase) promoter (eg, central nervous system [CNS] tumors), next-generation sequencing (single-nucleotide variants [SNV], deletions, and insertions)	Requires Prior Authorization	Requires Prior Authorization	Requires Prior Authorization	Requires Prior Authorization	10/01/24	None
0485U	Oncology (solid tumor), cell-free DNA and RNA by next-generation sequencing, interpretative report for germline mutations, clonal hematopoiesis of indeterminate potential, and tumor-derived single-nucleotide variants, small insertions/deletions, copy number alterations, fusions, microsatellite instability, and tumor mutational burden	Requires Prior Authorization	Requires Prior Authorization	Requires Prior Authorization	Requires Prior Authorization	10/01/24	None
0486U	Oncology (pan-solid tumor), next-generation sequencing analysis of tumor methylation markers present in cell-free circulating tumor DNA, algorithm reported as quantitative measurement of methylation as a correlate of tumor fraction	Requires Prior Authorization	Requires Prior Authorization	Requires Prior Authorization	Requires Prior Authorization	10/01/24	None
0487U	Oncology (solid tumor), cell-free circulating DNA, targeted genomic sequence analysis panel of 84 genes, interrogation for sequence variants, aneuploidy-corrected gene copy number amplifications and losses, gene rearrangements, and microsatellite instability	Requires Prior Authorization	Requires Prior Authorization	Requires Prior Authorization	Requires Prior Authorization	10/01/24	None
0488U	Obstetrics (fetal antigen noninvasive prenatal test), cell-free DNA sequence analysis for detection of fetal presence or absence of 1 or more of the Rh, C, c, D, E, Duffy (Fya), or Kell (K) antigen in alloimmunized pregnancies, reported as selected antigen(s) detected or not detected	Requires Prior Authorization	Requires Prior Authorization	Requires Prior Authorization	Requires Prior Authorization	10/01/24	None
0489U	Obstetrics (single-gene noninvasive prenatal test), cell-free DNA sequence analysis of 1 or more targets (eg, CFTR, SMN1, HBB, HBA1, HBA2) to identify paternally inherited pathogenic variants, and relative mutation-dosage analysis based on molecular counts to determine fetal inheritance of maternal mutation, algorithm reported as a fetal risk score for the condition (eg, cystic fibrosis, spinal muscular atrophy, beta hemoglobinopathies [including sickle cell disease], alpha thalassemia)	Requires Prior Authorization	Requires Prior Authorization	Requires Prior Authorization	Requires Prior Authorization	10/01/24	None
0493U	Transplantation medicine, quantification of donor-derived cell-free DNA (cdDNA) using next-generation sequencing, plasma, reported as percentage of donor-derived cell-free DNA	Requires Prior Authorization	Requires Prior Authorization	Requires Prior Authorization	Requires Prior Authorization	10/01/24	None
0494U	Red blood cell antigen (fetal Rhd gene analysis), next-generation sequencing of circulating cell-free DNA (cdDNA) of blood in pregnant individuals known to be Rhd negative, reported as positive or negative	Requires Prior Authorization	Requires Prior Authorization	Requires Prior Authorization	Requires Prior Authorization	10/01/24	None
0495U	Oncology (prostate), analysis of circulating plasma proteins (IPSA, IPSA, KLK2, PSP94, and GDF15), germline polygenic risk score (60 variants), clinical information (age, family history of prostate cancer, prior negative prostate biopsy), algorithm reported as risk of likelihood of detecting clinically significant prostate cancer	Requires Prior Authorization	Requires Prior Authorization	Requires Prior Authorization	Requires Prior Authorization	10/01/24	None
0496U	Oncology (colorectal), cell-free DNA, 8 genes for mutations, 7 genes for methylation by real-time RT-PCR, and 4 proteins by enzyme-linked immunosorbent assay, blood, reported positive or negative for colorectal cancer or advanced adenoma risk	Requires Prior Authorization	Requires Prior Authorization	Requires Prior Authorization	Requires Prior Authorization	10/01/24	None
0497U	Oncology (prostate), mRNA gene-expression profiling by real-time RT-PCR of 6 genes (FOXM1, MCM3, MTUS1, TTC21B, ALA51, and PPP2CA), utilizing formalin-fixed paraffin-embedded (FFPE) tissue, algorithm reported as a risk score for prostate cancer	Requires Prior Authorization	Requires Prior Authorization	Requires Prior Authorization	Requires Prior Authorization	10/01/24	None
0498U	Oncology (colorectal), next-generation sequencing for mutation detection in 43 genes and methylation pattern in 45 genes, blood, and formalin-fixed paraffin-embedded (FFPE) tissue, report of variants and methylation pattern with interpretation	Requires Prior Authorization	Requires Prior Authorization	Requires Prior Authorization	Requires Prior Authorization	10/01/24	None
0499U	Oncology (colorectal and lung), DNA from formalin-fixed paraffin-embedded (FFPE) tissue, next-generation sequencing of 8 genes (NRAS, EGFR, CTNNB1, PIK3CA, APC, BRAF, KRAS, and TP53), mutation detection	Requires Prior Authorization	Requires Prior Authorization	Requires Prior Authorization	Requires Prior Authorization	10/01/24	None
0501U	Oncology (colorectal), blood, quantitative measurement of cell-free DNA (cdDNA)	Requires Prior Authorization	Requires Prior Authorization	Requires Prior Authorization	Requires Prior Authorization	10/01/24	None
0506U	Gastroenterology (Barrett's esophagus), esophageal cells, DNA methylation analysis by next-generation sequencing of at least 89 differentially methylated genomic regions, algorithm reported as likelihood for Barrett's esophagus	Requires Prior Authorization	Requires Prior Authorization	Requires Prior Authorization	Requires Prior Authorization	10/01/24	None
0507U	Oncology (ovarian), DNA, whole-genome sequencing with 5-hydroxymethylcytosine (5hmC) enrichment, using whole blood or plasma, algorithm reported as cancer detected or not detected	Requires Prior Authorization	Requires Prior Authorization	Requires Prior Authorization	Requires Prior Authorization	10/01/24	None
0508U	Transplantation medicine, quantification of donor-derived cell-free DNA using 40 single-nucleotide polymorphisms (SNPs), plasma, and urine, initial evaluation reported as percentage of donor-derived cell-free DNA with risk for active rejection	Requires Prior Authorization	Requires Prior Authorization	Requires Prior Authorization	Requires Prior Authorization	10/01/24	None
0509U	Transplantation medicine, quantification of donor-derived cell-free DNA using up to 12 single-nucleotide polymorphisms (SNPs) previously identified, plasma, reported as percentage of donor-derived cell-free DNA with risk for active rejection	Requires Prior Authorization	Requires Prior Authorization	Requires Prior Authorization	Requires Prior Authorization	10/01/24	None
0510U	Oncology (pancreatic cancer), augmentative algorithmic analysis of 16 genes from previously sequenced RNA whole-transcriptome data, reported as probability of predicted molecular subtype	Requires Prior Authorization	Requires Prior Authorization	Requires Prior Authorization	Requires Prior Authorization	10/01/24	None
0516U	Drug metabolism, whole blood, pharmacogenomic genotyping of 40 genes and CYP2D6 copy number variant analysis, reported as metabolizer status	Requires Prior Authorization	Requires Prior Authorization	Requires Prior Authorization	Requires Prior Authorization	10/01/24	None
0523U	Oncology (solid tumor), DNA, qualitative, next-generation sequencing (NGS) of single-nucleotide variants (SNV) and insertion/deletions in 22 genes utilizing formalin-fixed paraffin-embedded tissue, reported as presence or absence of mutation(s), location of mutation(s), nucleotide change, and amino acid change	Requires Prior Authorization	Requires Prior Authorization	Requires Prior Authorization	Requires Prior Authorization	01/01/25	None
0529U	Hematology (venous thromboembolism [VTE]), genome-wide single-nucleotide polymorphism variants, including F2 and F5 gene analysis, and Leiden variant, by microarray analysis, saliva, report as risk score for VTE	Requires Prior Authorization	Requires Prior Authorization	Requires Prior Authorization	Requires Prior Authorization	01/01/25	None
0530U	Oncology (pan-solid tumor), cdDNA, utilizing plasma, next-generation sequencing (NGS) of 77 genes, 8 fusions, microsatellite instability, and tumor mutation burden, interpretative report for single-nucleotide variants, copy-number alterations, with therapy association	Requires Prior Authorization	Requires Prior Authorization	Requires Prior Authorization	Requires Prior Authorization	01/01/25	None
0532U	Rare diseases (constitutional disease/hereditary disorders), rapid whole genome and mitochondrial DNA sequencing for single-nucleotide variants, insertions/deletions, copy number variations, peripheral blood, buccal coat, saliva, buccal or tissue sample, results reported as positive or negative	Requires Prior Authorization	Requires Prior Authorization	Requires Prior Authorization	Requires Prior Authorization	04/01/25	None
0533U	Drug metabolism (adverse drug reactions and drug response), genotyping of 16 genes (ie, ABCG2, CYP2B6, CYP2C8, CYP2C19, CYP2C, CYP2D6, CYP3A5, CYP4F2, DPYD, G6PD, GCCK, NUDT15, SLC01B1, TPMT, UGT1A1, VKORC1), reported as metabolizer status and transporter function	Requires Prior Authorization	Requires Prior Authorization	Requires Prior Authorization	Requires Prior Authorization	04/01/25	None
0534U	Oncology (prostate), microRNA, single-nucleotide polymorphisms (SNPs) analysis by RT-PCR of 32 variants, using buccal swab, algorithm reported as a risk score	Requires Prior Authorization	Requires Prior Authorization	Requires Prior Authorization	Requires Prior Authorization	04/01/25	None
0536U	Red blood cell antigen (fetal Rhd), PCR analysis of exon 4 of RHD gene and housekeeping control gene GAPDH from whole blood in pregnant individuals at 10+ weeks gestation known to be Rhd negative, reported as fetal Rhd status	Requires Prior Authorization	Requires Prior Authorization	Requires Prior Authorization	Requires Prior Authorization	04/01/25	None
0537U	Oncology (colorectal cancer), analysis of cell-free DNA for epigenomic patterns, next-generation sequencing, >2500 differentially methylated regions (DMRs), plasma, algorithm reported as positive or negative	Requires Prior Authorization	Requires Prior Authorization	Requires Prior Authorization	Requires Prior Authorization	04/01/25	None

Procedure Code	Full Description	How Code is Managed- Commercial	How Code is Managed- Hospital Medicaid	How Code is Managed- Independent Lab Medicaid	How Code is Managed- Medicare	AMA Effective Date	Termination Date
0538U	Oncology (solid tumor), next-generation targeted sequencing analysis, formalin-fixed paraffin-embedded (FFPE) tumor tissue, DNA analysis of 600 genes, interrogation for single-nucleotide variants, insertions/deletions, gene rearrangements, and copy number alterations, microsatellite instability, tumor mutation burden, reported as actionable variant	Requires Prior Authorization	Requires Prior Authorization	Requires Prior Authorization	Requires Prior Authorization	04/01/25	None
0539U	Oncology (solid tumor), cell-free circulating tumor DNA (ctDNA), 152 genes, next-generation sequencing, interrogation for single-nucleotide variants, insertions/deletions, gene rearrangements, copy number alterations, and microsatellite instability, using whole-blood samples, mutations with clinical actionability reported as actionable variant	Requires Prior Authorization	Requires Prior Authorization	Requires Prior Authorization	Requires Prior Authorization	04/01/25	None
0540U	Transplantation medicine, quantification of donor-derived cell-free DNA using next-generation sequencing analysis of plasma, reported as percentage of donor-derived cell-free DNA to determine probability of rejection	Requires Prior Authorization	Requires Prior Authorization	Requires Prior Authorization	Requires Prior Authorization	04/01/25	None
0543U	Oncology (solid tumor), next-generation sequencing of DNA from formalin-fixed paraffin-embedded (FFPE) tissue of 517 genes, interrogation for single-nucleotide variants, multi-nucleotide variants, insertions and deletions from DNA, fusions in 24 genes and splice variants in 1 gene from RNA, and tumor mutation burden	Requires Prior Authorization	Requires Prior Authorization	Requires Prior Authorization	Requires Prior Authorization	04/01/25	None
0544U	Nephrology (transplant monitoring), 48 variants by digital PCR, using cell-free DNA from plasma, donor-derived cell-free DNA, percentage reported as risk for rejection	Requires Prior Authorization	Requires Prior Authorization	Requires Prior Authorization	Requires Prior Authorization	04/01/25	None
0549U	Oncology (urothelial), DNA, quantitative methylated real-time PCR of TRNA-Cys, SIM2, and NIK1-1, using urine, diagnostic algorithm reported as a probability index for bladder cancer and/or upper tract urothelial carcinoma (UTUC)	Requires Prior Authorization	Requires Prior Authorization	Requires Prior Authorization	Requires Prior Authorization	04/01/25	None
0552U	Reproductive medicine (preimplantation genetic assessment), analysis for known genetic disorders from trophoderm biopsy, linkage analysis of disease-causing locus, and when possible, targeted mutation analysis for known familial variant, reported as low-risk or high-risk for familial genetic disorder	Requires Prior Authorization	Requires Prior Authorization	Requires Prior Authorization	Requires Prior Authorization	07/01/25	None
0553U	Reproductive medicine (preimplantation genetic assessment), analysis of 24 chromosomes using DNA genomic sequence analysis from embryonic trophoderm for structural rearrangements, aneuploidy, and a mitochondrial DNA score, results reported as normal/balanced (euploidy/balanced), unbalanced structural rearrangement, monosomy, trisomy, segmental aneuploidy, or mosaic, per embryo tested	Requires Prior Authorization	Requires Prior Authorization	Requires Prior Authorization	Requires Prior Authorization	07/01/25	None
0554U	Reproductive medicine (preimplantation genetic assessment), analysis of 24 chromosomes using DNA genomic sequence analysis from trophoderm biopsy for aneuploidy, ploidy, a mitochondrial DNA score, and embryo quality control, results reported as normal (euploidy), monosomy, trisomy, segmental aneuploidy, triploid, haploid, or mosaic, with quality control results reported as contamination detected or inconsistent cohort when applicable, per embryo tested	Requires Prior Authorization	Requires Prior Authorization	Requires Prior Authorization	Requires Prior Authorization	07/01/25	None
0555U	Reproductive medicine (preimplantation genetic assessment), analysis of 24 chromosomes using DNA genomic sequence analysis from embryonic trophoderm for structural rearrangements, aneuploidy, ploidy, a mitochondrial DNA score, and embryo quality control, results reported as normal/balanced (euploidy/balanced), unbalanced structural rearrangement, monosomy, trisomy, segmental aneuploidy, triploid, haploid, or mosaic, with quality control results reported as contamination detected or inconsistent cohort when applicable, per embryo tested	Requires Prior Authorization	Requires Prior Authorization	Requires Prior Authorization	Requires Prior Authorization	07/01/25	None
0560U	Oncology (minimal residual disease [MRD]), genomic sequence analysis, cell-free DNA, whole blood and tumor tissue, baseline assessment for design and construction of a personalized variant panel to evaluate current MRD and for comparison to subsequent MRD assessment	Requires Prior Authorization	Requires Prior Authorization	Requires Prior Authorization	Requires Prior Authorization	07/01/25	None
0561U	Oncology (minimal residual disease [MRD]), genomic sequence analysis, cell-free DNA, whole blood, subsequent assessment with comparison to initial assessment to evaluate for MRD	Requires Prior Authorization	Requires Prior Authorization	Requires Prior Authorization	Requires Prior Authorization	07/01/25	None
0562U	Oncology (solid tumor), targeted genomic sequence analysis, 33 genes, detection of single nucleotide variants (SNVs), insertions and deletions, copy-number amplifications, and translocations in human genomic circulating cell-free DNA, plasma, reported as presence of actionable variants	Requires Prior Authorization	Requires Prior Authorization	Requires Prior Authorization	Requires Prior Authorization	07/01/25	None
0565U	Oncology (hepatocellular carcinoma), next-generation sequencing methylation pattern assay to detect 6626 epigenetic alterations, cell-free DNA, plasma, algorithm reported as cancer signal detected or not detected	Requires Prior Authorization	Requires Prior Authorization	Requires Prior Authorization	Requires Prior Authorization	07/01/25	None
0566U	Oncology (lung), qPCR-based analysis of 13 differentially methylated regions (CCDC181, H0XAT, LRRCSA, MARCF11, MIR129-2, NCOR2, PANTR1, PRKCB, SLC8A3, TBR1-2, TRAP1, VWC2, ZNF781), pleural fluid, algorithm reported as a qualitative result	Requires Prior Authorization	Requires Prior Authorization	Requires Prior Authorization	Requires Prior Authorization	07/01/25	None
0567U	Rare diseases (constitutional/hereditary disorders), whole-genome sequence analysis combination of short and long reads, for single-nucleotide variants, insertions/deletions and characterized intronic variants, copy number variants, duplications/deletions, mobile element insertions, runs of homozygosity, aneuploidy, and inversions, mitochondrial DNA sequence and deletions, short tandem repeat genes, methylation status of selected regions, blood, saliva, amniocentesis, chorionic villus sample or tissue, identification and categorization of genetic variants	Requires Prior Authorization	Requires Prior Authorization	Requires Prior Authorization	Requires Prior Authorization	07/01/25	None
0569U	Oncology (solid tumor), next-generation sequencing analysis of tumor methylation markers (>20000 differentially methylated regions) present in cell-free circulating tumor DNA (ctDNA), whole blood, algorithm reported as presence or absence of ctDNA with tumor fraction, if appropriate	Requires Prior Authorization	Requires Prior Authorization	Requires Prior Authorization	Requires Prior Authorization	07/01/25	None
0571U	Oncology (solid tumor), DNA (80 genes) and RNA (10 genes), by next-generation sequencing, plasma, including single-nucleotide variants, insertions/deletions, copy-number alterations, microsatellite instability, and fusions, reported as clinically actionable variants	Requires Prior Authorization	Requires Prior Authorization	Requires Prior Authorization	Requires Prior Authorization	07/01/25	None
0572U	Oncology (prostate), high-throughput telomere length quantification by FISH, whole blood, diagnostic algorithm reported as risk of prostate cancer	Requires Prior Authorization	Requires Prior Authorization	Requires Prior Authorization	Requires Prior Authorization	07/01/25	None
0575U	Transplantation medicine (liver allograft rejection), mRNA gene expression profiling by RT-PCR of 4 genes (miR-122, miR-885, miR-23a housekeeping, spike-in control), serum, algorithm reported as risk of liver allograft rejection	Requires Prior Authorization	Requires Prior Authorization	Requires Prior Authorization	Requires Prior Authorization	10/01/25	None
0576U	Transplantation medicine (liver allograft rejection), quantitative donor-derived cell-free DNA (ctDNA) by whole genome next-generation sequencing, plasma and mRNA gene expression profiling by multiplex real-time PCR of 56 genes, whole blood, combined algorithm reported as a rejection risk score	Requires Prior Authorization	Requires Prior Authorization	Requires Prior Authorization	Requires Prior Authorization	10/01/25	None
0578U	Oncology (cutaneous melanoma), RNA, gene expression profiling by real-time qPCR of 10 genes (8 content and 2 housekeeping), utilizing formalin-fixed paraffin-embedded (FFPE) tissue, algorithm reports a binary result, either low-risk or high-risk for sentinel lymph node metastasis and recurrence	Requires Prior Authorization	Requires Prior Authorization	Requires Prior Authorization	Requires Prior Authorization	10/01/25	None
0582U	Rare diseases (constitutional disease/hereditary disorders), rapid whole genome DNA sequencing for single-nucleotide variants, insertions/deletions, copy number variations, blood, saliva, tissue sample, variants reported	Requires Prior Authorization	Requires Prior Authorization	Requires Prior Authorization	Requires Prior Authorization	10/01/25	None
0583U	Rare diseases (constitutional disease/hereditary disorders), rapid whole genome comparator DNA sequencing for single-nucleotide variants, insertions/deletions, copy number variations, blood, saliva, tissue sample, variants reported with proband results (List separately in addition to code for primary procedure)	Requires Prior Authorization	Requires Prior Authorization	Requires Prior Authorization	Requires Prior Authorization	10/01/25	None
0585U	Targeted genomic sequence analysis panel, solid organ neoplasm, circulating cell-free DNA (ctDNA) analysis from plasma of 521 genes, interrogation for sequence variants, gene copy number amplifications, gene rearrangements, and microsatellite instability, report shows identified mutations, including variants with clinical actionability	Requires Prior Authorization	Requires Prior Authorization	Requires Prior Authorization	Requires Prior Authorization	10/01/25	None
0586U	Oncology, mRNA, gene expression profiling of 216 genes (204 targeted and 12 housekeeping genes), RNA expression analysis, formalin-fixed paraffin-embedded (FFPE) tissue, quantitative, reported as log2 ratio per gene	Requires Prior Authorization	Requires Prior Authorization	Requires Prior Authorization	Requires Prior Authorization	10/01/25	None
0592U	Oncology (hematolymphoid neoplasms), DNA, targeted genomic sequence of 417 genes, interrogation for gene fusions, translocations, rearrangements, utilizing formalin-fixed paraffin-embedded (FFPE) tumor tissue, results report clinically significant variant(s)	Requires Prior Authorization	Requires Prior Authorization	Requires Prior Authorization	Requires Prior Authorization	10/01/25	None
0597U	Oncology (breast), RNA expression profiling of 329 genes by targeted next-generation sequencing and 20 proteins by multiplex immunofluorescence, formalin-fixed paraffin-embedded (FFPE) tissue, algorithmic analyses to determine tumor-recurrence risk score	Requires Prior Authorization	Requires Prior Authorization	Requires Prior Authorization	Requires Prior Authorization	10/01/25	None
0794T	Patient-specific, assistive, rules-based algorithm for ranking pharmac-oncologic treatment options based on the patient's tumor-specific cancer marker information obtained from prior molecular pathology, immunohistochemical, or other pathology results which have been previously interpreted and reported separately	Requires Prior Authorization	Requires Prior Authorization	Requires Prior Authorization	Requires Prior Authorization	07/01/23	None
G0327	Colorectal cancer screening: blood-based biomarker	Requires Prior Authorization	Requires Prior Authorization	Requires Prior Authorization	Requires Prior Authorization	07/01/21	None
G9143	Warfarin responsiveness testing by genetic technique using any method, any number of specimen(s)	Requires Prior Authorization	Requires Prior Authorization	Requires Prior Authorization	Requires Prior Authorization	08/03/09	None
S3800	Genetic testing for amyotrophic lateral sclerosis (ALS)	Requires Prior Authorization	Requires Prior Authorization	Requires Prior Authorization	Requires Prior Authorization	07/01/07	None
S3840	DNA analysis for germline mutations of the RET proto-oncogene for susceptibility to multiple endocrine neoplasia type 2	Requires Prior Authorization	Requires Prior Authorization	Requires Prior Authorization	Requires Prior Authorization	07/01/03	None
S3841	Genetic testing for retinoblastoma	Requires Prior Authorization	Requires Prior Authorization	Requires Prior Authorization	Requires Prior Authorization	07/01/03	None
S3842	Genetic testing for Von Hippel-Lindau disease	Requires Prior Authorization	Requires Prior Authorization	Requires Prior Authorization	Requires Prior Authorization	07/01/03	None
S3844	DNA analysis of the connexin 26 gene (GJB2) for susceptibility to congenital, profound deafness	Requires Prior Authorization	Requires Prior Authorization	Requires Prior Authorization	Requires Prior Authorization	07/01/03	None
S3845	Genetic testing for alpha-thalassemia	Requires Prior Authorization	Requires Prior Authorization	Requires Prior Authorization	Requires Prior Authorization	07/01/03	None
S3846	Genetic testing for hemoglobin E beta-thalassemia	Requires Prior Authorization	Requires Prior Authorization	Requires Prior Authorization	Requires Prior Authorization	07/01/03	None
S3850	Genetic testing for sickle cell anemia	Requires Prior Authorization	Requires Prior Authorization	Requires Prior Authorization	Requires Prior Authorization	07/01/03	None
S3852	DNA analysis for APOE epsilon 4 allele for susceptibility to Alzheimer's disease	Requires Prior Authorization	Requires Prior Authorization	Requires Prior Authorization	Requires Prior Authorization	07/01/03	None
S3854	Gene expression profiling panel for use in the management of breast cancer treatment	Requires Prior Authorization	Requires Prior Authorization	Requires Prior Authorization	Requires Prior Authorization	01/01/06	None
S3861	Genetic testing, sodium channel, voltage-gated, type V, alpha subunit (SCN5A) and variants for suspected Brugada Syndrome	Requires Prior Authorization	Requires Prior Authorization	Requires Prior Authorization	Requires Prior Authorization	10/01/08	None

Procedure Code	Full Description	How Code is Managed- Commercial	How Code is Managed- Hospital Medicaid	How Code is Managed- Independent Lab Medicaid	How Code is Managed- Medicare	AMA Effective Date	Termination Date
S3865	Comprehensive gene sequence analysis for hypertrophic cardiomyopathy	Requires Prior Authorization	Requires Prior Authorization	Requires Prior Authorization	Requires Prior Authorization	04/01/09	None
S3866	Genetic analysis for a specific gene mutation for hypertrophic cardiomyopathy (HCM) in an individual with a known HCM mutation in the family	Requires Prior Authorization	Requires Prior Authorization	Requires Prior Authorization	Requires Prior Authorization	04/01/09	None
S3870	Comparative genomic hybridization (CGH) microarray testing for developmental delay, autism spectrum disorder and/or intellectual disability	Requires Prior Authorization	Requires Prior Authorization	Requires Prior Authorization	Requires Prior Authorization	04/01/09	None
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