



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

## Lab Program Effective 11/1/2024

| Procedure Code | Full Description                                                                                                                                                                                                                                | How Code is Managed          | 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 | 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 | 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 | 01/01/19           | None             |
| 81165          | BRCA1 (BRCA1, DNA repair associated) (eg, hereditary breast and ovarian cancer) gene analysis; full sequence analysis                                                                                                                           | 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 | 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 | 01/01/19           | None             |
| 81195          | Cytogenomic (genome-wide) analysis, hematologic malignancy, structural variants and copy number variants, optical genome mapping (OGM)                                                                                                          | Requires Prior Authorization | 01/01/25           | 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 | 01/01/12           | None             |
| 81215          | BRCA1 (BRCA1, DNA repair associated) (eg, hereditary breast and ovarian cancer) gene analysis; known familial variant                                                                                                                           | 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 | 01/01/12           | None             |
| 81217          | BRCA2 (BRCA2, DNA repair associated) (eg, hereditary breast and ovarian cancer) gene analysis; known familial variant                                                                                                                           | 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 | 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, *17, *19, *29, *35, *41, *1XN, *2XN, *4XN)                                               | 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 | 01/01/12           | 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 | 01/01/20           | 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 | 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 | 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 | 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 | 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 | 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 | 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 | 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 | 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 | 01/01/12           | None             |
| 81307          | PALB2 (partner and localizer of BRCA2) (eg, breast and pancreatic cancer) gene analysis; full gene sequence                                                                                                                                     | 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 | 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 | 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 | 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 | 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 | 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 | 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 | 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 | 01/01/13           | 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 | 01/01/22           | None             |
| 81354          | Cytogenomic (genome-wide) analysis for constitutional chromosomal abnormalities; interrogation of structural and copy number variants, optical genome mapping (OGM)                                                                             | Requires Prior Authorization | 01/01/26           | 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 | 01/01/12           | None             |
| 81401          | Molecular pathology procedure, Level 2 (eg, 2-10 SNPs, 1 methylated variant, or 1 somatic variant [typically using nonsequencing target variant analysis], or detection of a dynamic mutation disorder/triplet repeat)                          | Requires Prior Authorization | 01/01/12           | None             |

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|----------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------|--------------------|------------------|
| 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 | 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 | 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 | 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 | 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 | 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 | 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 | 01/01/12           | None             |
| 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, TGFBF1, TGFBF2, COL3A1, MYH11, ACTA2, SLC2A10, SMAD3, and MYLK                                                                                             | 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 TGFBF1, TGFBF2, MYH11, and COL3A1                                                                                                                                                         | Requires Prior Authorization | 01/01/15           | 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, KCNJ2, KCNQ1, RYR2, and SCN5A                                                                                    | 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 | 01/01/17           | None             |
| 81415          | Exome (eg, unexplained constitutional or heritable disorder or syndrome); sequence analysis                                                                                                                                                                                                                                                                                                       | 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 | 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 | 01/01/15           | None             |
| 81425          | Genome (eg, unexplained constitutional or heritable disorder or syndrome); sequence analysis                                                                                                                                                                                                                                                                                                      | 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 | 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 CDH23, CLRN1, GJB2, GPR98, MTRNR1, MYO7A, MYO15A, PCDH15, OTOF, SLC26A4, TMC1, TMPRSS3, USH1C, USH1G, USH2A, and WFS1                                                                                                    | 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 STRC and DFNB1 deletions in GJB2 and GJB6 genes                                                                                                                                                                                        | Requires Prior Authorization | 01/01/15           | 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, CNGA1, CRB1, EYS, PDE6A, PDE6B, PRPF31, PRPH2, RDH12, RHO, RP1, RP2, RPE65, RPGR, and USH2A                                                                                              | Requires Prior Authorization | 01/01/16           | 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 | 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 | 01/01/17           | None             |
| 81440          | Nuclear encoded mitochondrial genes (eg, neurologic or myopathic phenotypes), genomic sequence panel, must include analysis of at least 100 genes, including BCS1L, C10orf2, COQ2, COX10, DGUOK, MPV17, OPA1, PDSS2, POLG, POLG2, RRM2B, SCO1, SCO2, SLC25A4, SUCLA2, SUCLG1, TAZ, TK2, and TYMP                                                                                                  | Requires Prior Authorization | 01/01/15           | 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 | 01/01/16           | 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 | 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, MFN2, MPZ, REEP1, SPAST, SPG11, SPTLC1)                                                                                                                                            | 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 | 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 | 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 | 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 | 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 | 01/01/23           | None             |
| 81457          | Solid organ neoplasm, genomic sequence analysis panel, interrogation for sequence variants; DNA analysis, microsatellite instability                                                                                                                                                                                                                                                              | 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 | 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 | 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 [MERF], 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 | 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 | 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 | 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, microsatellite instability, tumor mutation burden, and rearrangements                                                                                                                       | Requires Prior Authorization | 01/01/24           | None             |

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| 81465          | Whole mitochondrial genome large deletion analysis panel (eg, Kearns-Sayre syndrome, chronic progressive external ophthalmoplegia), including heteroplasmy detection, if performed                                                                                                                                                                                              | 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, HUWE1, IL1RAPL, KDM5C, L1CAM, MECP2, MED12, MID1, OCRL, RPS6KA3, and SLC16A2                                                                                             | 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, HUWE1, IL1RAPL, KDM5C, L1CAM, MECP2, MED12, MID1, OCRL, RPS6KA3, and SLC16A2                                                                                            | Requires Prior Authorization | 01/01/15           | None             |
| 81479          | Unlisted molecular pathology procedure                                                                                                                                                                                                                                                                                                                                          | Requires Prior Authorization | 01/01/13           | 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 | 01/01/19           | None             |
| 81524          | Oncology (central nervous system tumor), DNA methylation analysis of at least 10,000 methylation sites, utilizing DNA extracted from formalin-fixed tumor tissue, algorithm(s) reported as probability of matching a reference tumor family and class, and MGMT (O-6-methylguanine-DNA methyltransferase) promoter methylation status, if performed                             | Requires Prior Authorization | 01/01/26           | 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 | 01/01/21           | 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 | 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 | 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 | 01/01/20           | 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 | 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 | 01/01/21           | None             |
| 81599          | Unlisted multianalyte assay with algorithmic analysis                                                                                                                                                                                                                                                                                                                           | Requires Prior Authorization | 01/01/13           | 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 | 07/01/24           | None             |
| 0036U          | Exome (ie, somatic mutations), paired formalin-fixed paraffin-embedded tumor tissue and normal specimen, sequence analyses                                                                                                                                                                                                                                                      | 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 | 04/01/18           | 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 | 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 | 07/01/18           | None             |
| 0089U          | Oncology (melanoma), gene expression profiling by RTqPCR, PRAME and LINC00518, superficial collection using adhesive patch(es)                                                                                                                                                                                                                                                  | 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 | 07/01/19           | None             |
| 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 | 10/01/19           | 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 | 07/01/20           | 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 | 10/01/20           | None             |
| 0239U          | Targeted genomic sequence analysis panel, solid organ neoplasm, cell-free DNA, analysis of 311 or more genes, interrogation for sequence variants, including substitutions, insertions, deletions, select rearrangements, and copy number variations                                                                                                                            | 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 | 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 | 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, one amplification, and four translocations), microsatellite instability and tumor-mutation burden                                                                                | Requires Prior Authorization | 07/01/21           | None             |
| 0318U          | Pediatrics (congenital epigenetic disorders), whole genome methylation analysis by microarray for 50 or more genes, blood                                                                                                                                                                                                                                                       | 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 | 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 | 07/01/22           | None             |
| 0334U          | Oncology (solid organ), targeted genomic sequence analysis, formalin-fixed paraffin-embedded (FFPE) tumor tissue, DNA analysis, 84 or more genes, interrogation for sequence variants, gene copy number amplifications, gene rearrangements, microsatellite instability and tumor mutational burden                                                                             | 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 | 10/01/22           | 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 | 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 | 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 | 07/01/23           | None             |
| 0425U          | Genome (eg, unexplained constitutional or heritable disorder or syndrome), rapid sequence analysis, each comparator genome (eg, parents, siblings)                                                                                                                                                                                                                              | Requires Prior Authorization | 01/01/24           | None             |
| 0426U          | Genome (eg, unexplained constitutional or heritable disorder or syndrome), ultra-rapid sequence analysis                                                                                                                                                                                                                                                                        | Requires Prior Authorization | 01/01/24           | None             |

| Procedure Code | Full Description                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | How Code is Managed          | AMA Effective Date | Termination Date |
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| 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 | 04/01/24           | None             |
| 0452U          | Oncology (bladder), methylated PENK DNA detection by linear target enrichment-quantitative methylation-specific real-time PCR (LTE-qMSP), urine, reported as likelihood of bladder cancer                                                                                                                                                                                                                                                                                                                                                                                                                                   | Requires Prior Authorization | 07/01/24           | None             |
| 0453U          | Oncology (colorectal cancer), cell-free DNA (cfDNA), methylation-based quantitative PCR assay (SEPTIN9, IKZF1, BCAT1, Septin9-2, VAV3, BCAN), plasma, reported as presence or absence of circulating tumor DNA (ctDNA)                                                                                                                                                                                                                                                                                                                                                                                                      | 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 | 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 | 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 | 07/01/24           | None             |
| 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 | 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 | 07/01/24           | None             |
| 0471U          | Oncology (colorectal cancer), qualitative real-time PCR of 35 variants of KRAS and NRAS genes (exons 2, 3, 4), formalin-fixed paraffin-embedded (FFPE), predictive, identification of detected mutations                                                                                                                                                                                                                                                                                                                                                                                                                    | 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 when available, 648 genes, results reported for sequence variants, insertion and deletion alterations, copy number variants, rearrangements, microsatellite instability, and tumor-mutation burden                                                                                                                                                                                                                                    | Requires Prior Authorization | 07/01/24           | 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 | 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 | 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 | 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 | 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 | 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 | 10/01/24           | None             |
| 0500U          | Autoinflammatory disease (VEXAS syndrome), DNA, UBA1 gene mutations, targeted variant analysis (M41T, M41V, M41L, c.118-2A>C, c.118-1G>C, c.118-9_118-2del, S56F, S621C)                                                                                                                                                                                                                                                                                                                                                                                                                                                    | Requires Prior Authorization | 10/01/24           | None             |
| 0501U          | Oncology (colorectal), blood, quantitative measurement of cell-free DNA (cfDNA)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | 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 | 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 | 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 | 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 | 01/01/25           | None             |
| 0530U          | Oncology (pan-solid tumor), ctDNA, 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 | 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, buffy coat, saliva, buccal or tissue sample, results reported as positive or negative                                                                                                                                                                                                                                                                                                                      | Requires Prior Authorization | 04/01/25           | None             |
| 0533U          | Drug metabolism (adverse drug reactions and drug response), genotyping of 16 genes (ie, ABCG2, CYP2B6, CYP2C9, CYP2C19, CYP2C, CYP2D6, CYP3A5, CYP4F2, DPYD, G6PD, GGCX, NUDT15, SLC01B1, TPMT, UGT1A1, VKORC1), reported as metabolizer status and transporter function                                                                                                                                                                                                                                                                                                                                                    | Requires Prior Authorization | 04/01/25           | None             |
| 0537U          | Oncology (colorectal cancer), analysis of cell-free DNA for epigenomic patterns, next-generation sequencing, >2,500 differentially methylated regions (DMRs), plasma, algorithm reported as positive or negative                                                                                                                                                                                                                                                                                                                                                                                                            | Requires Prior Authorization | 04/01/25           | None             |
| 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 | 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 | 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 | 04/01/25           | None             |
| 0549U          | Oncology (urothelial), DNA, quantitative methylated real-time PCR of TRNA-Cys, SIM2, and NKX1-1, using urine, diagnostic algorithm reported as a probability index for bladder cancer and/or upper tract urothelial carcinoma (UTUC)                                                                                                                                                                                                                                                                                                                                                                                        | Requires Prior Authorization | 04/01/25           | None             |
| 0553U          | Reproductive medicine (preimplantation genetic assessment), analysis of 24 chromosomes using DNA genomic sequence analysis from embryonic trophectoderm 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 | 07/01/25           | None             |
| 0554U          | Reproductive medicine (preimplantation genetic assessment), analysis of 24 chromosomes using DNA genomic sequence analysis from trophectoderm 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 | 07/01/25           | None             |
| 0555U          | Reproductive medicine (preimplantation genetic assessment), analysis of 24 chromosomes using DNA genomic sequence analysis from embryonic trophectoderm 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 | 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 assessments                                                                                                                                                                                                                                                                                                                                                 | Requires Prior Authorization | 07/01/25           | None             |

| Procedure Code | Full Description                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | How Code is Managed          | AMA Effective Date | Termination Date |
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| 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 | 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 | 07/01/25           | None             |
| 0565U          | Oncology (hepatocellular carcinoma), next-generation sequencing methylation pattern assay to detect 6,626 epigenetic alterations, cell-free DNA, plasma, algorithm reported as cancer signal detected or not detected                                                                                                                                                                                                                                                                                                                                                            | Requires Prior Authorization | 07/01/25           | None             |
| 0566U          | Oncology (lung), qPCR-based analysis of 13 differentially methylated regions (CCDC181, HOXA7, LRRRC8A, MARCHF11, MIR129-2, NCOR2, PANTR1, PRKCB, SLC9A3, TBR1_2, TRAP1, VWC2, ZNF781), pleural fluid, algorithm reported as a qualitative result                                                                                                                                                                                                                                                                                                                                 | Requires Prior Authorization | 07/01/25           | None             |
| 0567U          | Rare diseases (constitutional/heritable 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 | 07/01/25           | None             |
| 0569U          | Oncology (solid tumor), next-generation sequencing analysis of tumor methylation markers (>20,000 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 | 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 | 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 | 07/01/25           | 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 | 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 | 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 | 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 | 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 | 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 | 10/01/25           | None             |
| 0602U          | Endocrinology (diabetes), insulin (INS) gene methylation using digital droplet PCR, insulin, and C-peptide immunoassay, serum, Hemoglobin A1c immunoassay, whole blood, algorithm reported as diabetes-risk score                                                                                                                                                                                                                                                                                                                                                                | Requires Prior Authorization | 01/01/26           | None             |
| 0611U          | Oncology (liver), analysis of over 1,000 methylated regions, cell-free DNA from plasma, algorithm reported as a quantitative result                                                                                                                                                                                                                                                                                                                                                                                                                                              | Requires Prior Authorization | 01/01/26           | None             |
| 0612U          | Oncology (liver), analysis of over 1,000 methylated regions, cell-free DNA from plasma, algorithm reported as a quantitative result                                                                                                                                                                                                                                                                                                                                                                                                                                              | Requires Prior Authorization | 01/01/26           | None             |
| 0613U          | Oncology (urothelial carcinoma), DNA methylation and mutation analysis of 6 biomarkers (TWIST1, OTX1, ONECUT2, FGFR3, HRAS, TERT promoter region), methylation-specific PCR and targeted next-generation sequencing, urine, algorithm reported as a probability index for bladder cancer and upper tract urothelial carcinoma                                                                                                                                                                                                                                                    | Requires Prior Authorization | 01/01/26           | None             |
| 0631U          | Oncology (solid tumor), DNA, sequence analysis of 15 genes including BRCA1 and BRCA2 for identification of clonal hematopoiesis, blood, reported as tumor-derived or nontumor-derived                                                                                                                                                                                                                                                                                                                                                                                            | Requires Prior Authorization | 07/01/26           | None             |
| 0632U          | Red blood cell antigen (fetal RhD gene analysis), multiplex polymerase chain reaction (PCR) and next-generation sequencing (NGS) of circulating cell-free DNA (cfDNA), plasma from pregnant individuals known to be RhD negative, reported as detected or not detected                                                                                                                                                                                                                                                                                                           | Requires Prior Authorization | 07/01/26           | None             |
| 0634U          | Oncology (breast cancer), cell-free DNA (cfDNA), evaluation of 11 ESR1 variants (E380Q, S463P, L536R, Y537C, Y537N, Y537S, D538G, V422del, L536H, L536P, Y537D) using droplet digital PCR (ddPCR), plasma, reported as positive or negative                                                                                                                                                                                                                                                                                                                                      | Requires Prior Authorization | 07/01/26           | None             |
| 0644U          | Oncology (leukemia), minimal residual disease (MRD) detection for rearrangements, blood or bone marrow, personalized assay design and baseline quantification                                                                                                                                                                                                                                                                                                                                                                                                                    | Requires Prior Authorization | 07/01/26           | None             |
| 0645U          | Oncology (leukemia), minimal residual disease (MRD) detection for rearrangements, based on digital PCR, blood or bone marrow, reported as not detected or detected with estimated abundance                                                                                                                                                                                                                                                                                                                                                                                      | Requires Prior Authorization | 07/01/26           | None             |
| 0646U          | Oncology (molecular residual disease), whole genome sequence analysis, cell-free DNA, whole blood, and formalin-fixed paraffin-embedded (FFPE) tumor tissue DNA, baseline assessment                                                                                                                                                                                                                                                                                                                                                                                             | Requires Prior Authorization | 07/01/26           | None             |
| 0647U          | Oncology (molecular residual disease), whole genome sequence analysis, cell-free DNA (cfDNA), whole blood, assessment utilizing patient-specific tumor information, reported as negative or percent circulating tumor DNA (ctDNA)                                                                                                                                                                                                                                                                                                                                                | Requires Prior Authorization | 07/01/26           | None             |
| 0651U          | Oncology (hereditary cancer), genomic DNA, 55 hereditary cancer pre-dispositioned genes, next-generation sequencing (NGS) and digital multiplex ligation-dependent probe amplification for variants, small indels (<40 base pairs), using saliva, whole blood or nail clipping, interpretive clinical report with variant classification                                                                                                                                                                                                                                         | Requires Prior Authorization | 07/01/26           | None             |
| 0653U          | Nephrology (inherited kidney disorders), DNA, analysis of approximately 700 genes associated with inherited kidney diseases by exome sequencing, using whole blood, saliva, or nail clipping, reported as an interpretive clinical report classifying pathogenic and likely pathogenic variants                                                                                                                                                                                                                                                                                  | Requires Prior Authorization | 07/01/26           | None             |
| 0657U          | Rare diseases (constitutional/heritable disorders), rapid whole genome sequence analysis of comparator nuclear and mitochondrial DNA by next-generation sequencing (NGS), using blood or buccal sample, relevant variants reported with proband results                                                                                                                                                                                                                                                                                                                          | Requires Prior Authorization | 07/01/26           | None             |
| 0658U          | Rare diseases (constitutional/heritable disorders), rapid whole genome sequence analysis of nuclear and mitochondrial DNA by next-generation sequencing (NGS) for single-nucleotide variants (SNVs), insertions/deletions, copy number variants, uniparental disomy, and repeat expansions, using blood or buccal sample, identification and categorization of genetic variants                                                                                                                                                                                                  | Requires Prior Authorization | 07/01/26           | None             |
| 0659U          | Rare diseases (constitutional/heritable disorders), ultrarapid whole genome sequence analysis of nuclear and mitochondrial DNA by next-generation sequencing (NGS) for single-nucleotide variants (SNVs), insertions/deletions, copy number variants, uniparental disomy, and repeat expansions, using blood or buccal sample, identification and categorization of genetic variants                                                                                                                                                                                             | Requires Prior Authorization | 07/01/26           | None             |
| 0663U          | Obstetrics (fetal platelet antigen noninvasive prenatal test [NIPT]), cell-free DNA (cfDNA) sequence analysis for detection of fetal presence or absence of 1 human platelet antigen or more (HPA-1a, HPA-1b, HPA-3a, HPA-5b, and others) when performed, reported as maternal/fetal incompatibility detected or not detected per selected antigen                                                                                                                                                                                                                               | Requires Prior Authorization | 10/01/26           | None             |
| 0668U          | Oncology (pancreas), DNA, genome sequence with 5hydroxymethylcytosine (5hmC) enrichment and glycan biomarker analysis, whole blood or plasma, algorithm reported as cancer detected or not detected                                                                                                                                                                                                                                                                                                                                                                              | Requires Prior Authorization | 10/01/26           | None             |
| 0678U          | Oncology (hereditary cancer), genome sequence for 117 genes (single-nucleotide variants, deletions/insertions, and characterized intronic variants), copy number variants, duplications/deletions, mobile element insertions and inversions, blood, saliva, cultured skin fibroblasts (skin biopsy) or extracted genomic DNA, diagnostic, identification and categorization of genetic variants                                                                                                                                                                                  | Requires Prior Authorization | 10/01/26           | None             |
| 0679U          | Oncology (hereditary hematologic cancer), genomic DNA, whole genome sequence (single-nucleotide variants, deletions/insertions, and characterized intronic variants), copy number variants, duplications/deletions, mobile element insertions and inversions, analysis of over 105 genes, genomic DNA isolated from blood, saliva, cultured skin fibroblasts (skin biopsy), identification and categorization of genetic variants                                                                                                                                                | Requires Prior Authorization | 10/01/26           | None             |

| Procedure Code | Full Description                                                                                                                                                                                                    | How Code is Managed          | AMA Effective Date | Termination Date |
|----------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------|--------------------|------------------|
| 0686U          | Oncology (prostate), mRNA, next-generation sequencing (NGS) gene expression profiling of 22 genes, formalin fixed paraffin-embedded (FFPE) tissue, algorithm reported as risk score                                 | Requires Prior Authorization | 10/01/26           | None             |
| 0695U          | Oncology (central nervous system), low-pass whole genome sequence analysis of cerebrospinal fluid, interrogation for chromosome arm-level and focal losses and gains                                                | Requires Prior Authorization | 10/01/26           | None             |
| 0696U          | Oncology (solid organ), targeted genomic sequence analysis, formalin-fixed paraffin-embedded (FFPE) tumor tissue, RNA analysis, 350 or more genes for RNA alterations (eg, gene rearrangements and splice isoforms) | Requires Prior Authorization | 10/01/26           | None             |
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| Footer 2       | All procedure codes (81105-81479) included in a multiple procedure code panel required medical necessity review if any code requires prior authorization.                                                           |                              |                    |                  |