Aetna Better Health® Kids
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Aetna Better Health® Kids
A CHIP Health Plan

October 19, 2023

Genetic Testing Prior Authorization Coding Changes

Dear Provider:

Effective November 19, 2023, Aetna Better Health Kids will no longer require prior authorization for the set of Genetic Testing codes listed numerically in the table below. This is part of a larger optimization initiative intended to improve operational efficiency and reduce unnecessary provider administration activity.

The table of codes on the following pages are codes that will no longer require prior authorization.

Questions?
We're here to help. Just contact our Provider Relations department at **1-866-638-1232**.

Thank you for the quality care you provide our Aetna Better Health members.

Sincerely,

Provider Relations
Aetna Better Health of Pennsylvania

81163	BRCA1 (BRCA1, DNA repair associated), BRCA2 (BRCA2, DNA repair associated) (eg, hereditary breast and ovarian cancer) gene analysis; full sequence analysis
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)
81165	BRCA1 (BRCA1, DNA repair associated) (eg, hereditary breast and ovarian cancer) gene analysis; full sequence analysis
81166	BRCA1 (BRCA1, DNA repair associated) (eg, hereditary breast and ovarian cancer) gene analysis; full duplication/deletion analysis (ie, detection of large gene rearrangements)
81167	BRCA2 (BRCA2, DNA repair associated) (eg, hereditary breast and ovarian cancer) gene analysis; full duplication/deletion analysis (ie, detection of large gene rearrangements)
81168	CCND1/IGH (t(11;14)) (eg, mantle cell lymphoma) translocation analysis, major breakpoint, qualitative and quantitative, if performed
81170	ABL1 GENE
81171	AFF2 (AF4/FMR2 family, member 2 [FMR2]) (eg, fragile X mental retardation 2 [FRAXE]) gene analysis; evaluation to detect abnormal (eg, expanded) alleles
81172	AFF2 (AF4/FMR2 family, member 2 [FMR2]) (eg, fragile X mental retardation 2 [FRAXE]) gene analysis; characterization of alleles (eg, expanded size and methylation status)
81173	AR (androgen receptor) (eg, spinal and bulbar muscular atrophy, Kennedy disease, X chromosome inactivation) gene analysis; full gene sequence
81174	AR (androgen receptor) (eg, spinal and bulbar muscular atrophy, Kennedy disease, X chromosome inactivation) gene analysis; known familial variant
81175	ASXL1 GENE ANALYSIS FULL GENE SEQUENCE
81176	ASXL1 GENE ANALYSIS TARGETED SEQ ANALYSIS
81177	ATN1 (atrophin 1) (eg, dentatorubral-pallidoluysian atrophy) gene analysis, evaluation to detect abnormal (eg, expanded) alleles
81178	ATXN1 (ataxin 1) (eg, spinocerebellar ataxia) gene analysis, evaluation to detect abnormal (eg, expanded) alleles
81179	ATXN2 (ataxin 2) (eg, spinocerebellar ataxia) gene analysis, evaluation to detect abnormal (eg, expanded) alleles
81180	ATXN3 (ataxin 3) (eg, spinocerebellar ataxia, Machado-Joseph disease) gene analysis, evaluation to detect abnormal (eg, expanded) alleles
81181	ATXN7 (ataxin 7) (eg, spinocerebellar ataxia) gene analysis, evaluation to detect abnormal (eg, expanded) alleles
81182	ATXN8OS (ATXN8 opposite strand [non-protein coding]) (eg, spinocerebellar ataxia) gene analysis, evaluation to detect abnormal (eg, expanded) alleles
81183	ATXN10 (ataxin 10) (eg, spinocerebellar ataxia) gene analysis, evaluation to detect abnormal (eg, expanded) alleles
81184	CACNA1A (calcium voltage-gated channel subunit alpha1 A) (eg, spinocerebellar ataxia) gene analysis; evaluation to detect abnormal (eg, expanded) alleles

81185	CACNA1A (calcium voltage-gated channel subunit alpha1 A) (eg, spinocerebellar ataxia) gene analysis; full gene sequence
81186	CACNA1A (calcium voltage-gated channel subunit alpha1 A) (eg, spinocerebellar ataxia) gene analysis; known familial variant
81187	CNBP (CCHC-type zinc finger nucleic acid binding protein) (eg, myotonic dystrophy type 2) gene analysis, evaluation to detect abnormal (eg, expanded) alleles
81188	CSTB (cystatin B) (eg, Unverricht-Lundborg disease) gene analysis; evaluation to detect abnormal (eg, expanded) alleles
81189	CSTB (cystatin B) (eg, Unverricht-Lundborg disease) gene analysis; full gene sequence
81190	CSTB (cystatin B) (eg, Unverricht-Lundborg disease) gene analysis; known familial variant(s)
81191	NTRK1 (neurotrophic receptor tyrosine kinase 1) (eg, solid tumors) translocation analysis
81192	NTRK2 (neurotrophic receptor tyrosine kinase 2) (eg, solid tumors) translocation analysis
81193	NTRK3 (neurotrophic receptor tyrosine kinase 3) (eg, solid tumors) translocation analysis
81194	NTRK (neurotrophic-tropomyosin receptor tyrosine kinase 1, 2, and 3) (eg, solid tumors) translocation analysis
81200	ASPA GENE ANALYSIS COMMON VARIANTS
81201	APC GENE FULL SEQUENCE
81202	APC GENE KNOWN FAM VARIANTS
81203	APC GENE DUP/DELET VARIANTS
81204	AR (androgen receptor) (eg, spinal and bulbar muscular atrophy, Kennedy disease, X chromosome inactivation) gene analysis; characterization of alleles (eg, expanded size or methylation status)
81205	BCKDHB GENE ANALYSIS COMMON VARIANTS
81206	BCR/ABL1 MAJOR BREAKPNT QUALITATIVE/QUANTITATIV
81207	BCR/ABL1 MINOR BREAKPNT QUALITATIVE/QUANTITATIVE
81208	BCR/ABL1 OTHER BREAKPNT QUALITATIVE/QUANTITATIVE
81209	BLM GENE ANALYSIS 2281DEL6INS7 VARIANT
81210	BRAF GENE ANALYSIS V600E VARIANT
81212	BRCA1&BRCA2 ANAL 185DELAG5385INSC/6174DELT
81215	BRCA1 GENE ANALYSIS KNOWN FAMILIAL VARIANT
81216	BRCA2 GENE ANALYSIS FULL SEQUENCE ANALYSIS
81217	BRCA2 GENE ANALYSIS KNOWN FAMILIAL VARIANT
81218	CEBPA GENE FULL SEQUENCE
81219	CALR GENE COM VARIANTS
81220	CFTR GENE ANALYSIS COMMON VARIANTS

81221	CFTR GENE ANALYSIS KNOWN FAMILIAL VARIANTS
81222	CFTR GENE ANALYSIS DUPLICATION/DELETION VARIANTS
81223	CFTR GENE ANALYSIS FULL GENE SEQUENCE
81224	CFTR GENE ANALYSIS INTRON 8 POLY-T ANALYSIS
81225	CYP2C19 GENE ANALYSIS COMMON VARIANT
81226	CYP2D6 GENE ANALYSIS COMMON VARIANTS
81227	CYP2C9 GENE ANALYSIS COMMON VARIANTS
81228	CYTOG ALYS CHRML ABNR CGH
81229	CYTOG ALYS CHRML ABNR SNPCGH
81230	CYP3A4 GENE ANALYSIS COMMON VARIANTS
81231	CYP3A5 GENE ANALYSIS COMMON VARIANTS
81232	DYPD GENE ANALYSIS COMMON VARIANTS
81233	BTK (Bruton's tyrosine kinase) (eg, chronic lymphocytic leukemia) gene analysis, common variants (eg, C481S, C481R, C481F)
81234	DMPK (DM1 protein kinase) (eg, myotonic dystrophy type 1) gene analysis; evaluation to detect abnormal (expanded) alleles
81235	EGFR GENE COM VARIANTS
81236	EZH2 (enhancer of zeste 2 polycomb repressive complex 2 subunit) (eg, myelodysplastic syndrome, myeloproliferative neoplasms) gene analysis, full gene sequence
81237	EZH2 (enhancer of zeste 2 polycomb repressive complex 2 subunit) (eg, diffuse large B-cell lymphoma) gene analysis, common variant(s) (eg, codon 646)
81238	F9 FULL GENE SEQUENCE
81239	DMPK (DM1 protein kinase) (eg, myotonic dystrophy type 1) gene analysis; characterization of alleles (eg, expanded size)
81240	F2 GENE ANALYSIS 20210G >A VARIANT
81241	F5 COAGULATION FACTOR V ANAL LEIDEN VARIANT
81242	FANCC GENE ANALYSIS COMMON VARIANT
81243	FMR1 ANALYSIS EVAL TO DETECT ABNORMAL ALLELE
81244	FMR1 GENE ANALYSIS CHARACTERIZATION OF ALLELES
81245	FLT3 GENE ANALYSIS INTERNAL TANDEM DUP VARIANTS
81246	FLT3 GENE ANLYS TYROSINE KINASE DOMAIN VARIANTS
81247	G6PD GENE ANALYSIS COMMON VARIANTS
81248	G6PD GENE ANALYSIS KNOWN FAMILIAL VARIANTS

81249	G6PD GENE ANALYSIS FULL GENE SEQUENCE
81250	G6PC GENE ANALYSIS COMMON VARIANTS
81251	GBA GLUCOSIDASE/BETA/ACID ANAL COMM VARIANTS
81252	GJB2 GENE FULL SEQUENCE
81253	GJB2 GENE KNOWN FAM VARIANTS
81254	GJB6 GENE COM VARIANTS
81255	HEXA GENE ANALYSIS COMMON VARIANTS
81256	HFE HEMOCHROMATOSIS GENE ANAL COMMON VARIANTS
81257	HBA1/HBA2 ANALYSIS FOR COMMON DELETIONS/VARIANT
81258	HBA1/HBA2 GENE ANALYSIS KNOWN FAMILIAL VARIANT
81259	HBA1/HBA2 GENE ANALYSIS FULL GENE SEQUENCE
81260	IKBKAP GENE ANALYSIS COMMON VARIANTS
81261	IGH@ REARRANGE ABNORMAL CLONAL POP AMPLIFIED
81262	IGH@ REARRANGE ABNORMAL CLONAL POP DIRECT PROBE
81263	IGH@ VARIABLE REGION SOMATIC MUTATION ANALYSIS
81264	IGK@ GENE REARRANGE DETECT ABNORMAL CLONAL POP
81265	COMPARATIVE ANAL STR MARKERS PATIENT&COMP SPEC
81266	COMPARATIVE ANAL STR MARKERS EA ADDL SPECIMEN
81267	CHIMERISM W/COMP TO BASELINE W/O CELL SELECTION
81268	CHIMERISM W/COMP TO BASELINE W/CELL SELECTION EA
81269	HBA1/HBA2 GENE ANALYSIS DUP/DEL VARIANTS
81270	JAK2 GENE ANALYSIS P.VAL617PHE VARIANT
81271	HTT (huntingtin) (eg, Huntington disease) gene analysis; evaluation to detect abnormal (eg, expanded) alleles
81272	KIT GENE TARGETED SEQ ANALYS
81273	KIT GENE ANALYS D816 VARIANT
81274	HTT (huntingtin) (eg, Huntington disease) gene analysis; characterization of alleles (eg, expanded size)
81275	KRAS GENE ANALYSIS VARIANTS IN CODONS 12 AND 13
81276	KRAS GENE ADDL VARIANTS
81277	CYTOGENOMIC NEO MICRORA ALYS
81278	IGH@/BCL2 (t(14;18)) (eg, follicular lymphoma) translocation analysis, major breakpoint region (MBR) and minor cluster region (mcr) breakpoints, qualitative or quantitative

81279	JAK2 (Janus kinase 2) (eg, myeloproliferative disorder) targeted sequence analysis (eg, exons 12 and 13)
81283	IFNL3 GENE ANALYSIS RS12979860 VARIANT
81284	FXN (frataxin) (eg, Friedreich ataxia) gene analysis; evaluation to detect abnormal (expanded) alleles
81285	FXN (frataxin) (eg, Friedreich ataxia) gene analysis; characterization of alleles (eg, expanded size)
81286	FXN (frataxin) (eg, Friedreich ataxia) gene analysis; full gene sequence
81287	MGMT (O-6-methylguanine-DNA methyltransferase) (eg, glioblastoma multiforme), methylation analysis
81288	MLH1 GENE ANALYSIS PROMOTER METHYLATION ANALYSIS
81289	FXN (frataxin) (eg, Friedreich ataxia) gene analysis; known familial variant(s)
81290	MCOLN1 MUCOLIPIN1 GENE ANALYSIS COMMON VARIANTS
81291	MTHFR GENE ANALYSIS COMMON VARIANTS
81292	MLH1 GENE ANALYSIS FULL SEQUENCE ANALYSIS
81293	MLH1 GENE ANALYSIS KNOWN FAMILIAL VARIANTS
81294	MLH1 GENE ANALYSIS DUPLICATION/DELETION VARIANTS
81295	MSH2 GENE ANALYSIS FULL SEQUENCE ANALYSIS
81296	MSH2 GENE ANALYSIS KNOWN FAMILIAL VARIANTS
81297	MSH2 GENE ANALYSIS DUPLICATION/DELETION VARIANTS
81298	MSH6 GENE ANALYSIS FULL SEQUENCE ANALYSIS
81299	MSH6 GENE ANALYSIS KNOWN FAMILIAL VARIANTS
81300	MSH6 GENE ANALYSIS DUPLICATION/DELETION VARIA
81301	MICROSATELLITE INSTAB ANAL MISMATCH REPAIR DEF
81302	MECP2 GENE ANALYSIS FULL SEQUENCE
81303	MECP2 GENE ANALYSIS KNOWN FAMILIAL VARIANT
81304	MECP2 GENE ANALYSIS DUPLICATION/DELETION VARIANT
81305	MYD88 (myeloid differentiation primary response 88) (eg, Waldenstrom's macroglobulinemia, lymphoplasmacytic leukemia) gene analysis, p.Leu265Pro (L265P) variant
81306	NUDT15 (nudix hydrolase 15) (eg, drug metabolism) gene analysis, common variant(s) (eg, *2, *3, *4, *5, *6)
81307	PALB2 GENE FULL GENE SEQ
81308	PALB2 GENE KNOWN FAMIL VRNT
81309	PIK3CA GENE TRGT SEQ ALYS
81310	NPM1 NUCLEOPHOSMIN GENE ANAL EXON 12 VARIANTS
81311	NRAS GENE VARIANTS EXON 2&3

81312	PABPN1 (poly[A] binding protein nuclear 1) (eg, oculopharyngeal muscular dystrophy) gene analysis, evaluation to detect abnormal (eg, expanded) alleles
81313	PCA3 KLK3 PROSTATE SPECIFIC ANTIGEN RATIO
81314	PDGFRA GENE
81315	PML/RARALPHA COMMON BREAKPOINTS QUAL/QUANT
81316	PML/RARALPHA SINGLE BREAKPOINT QUAL/QUA
81317	PMS2 GENE ANALYSIS FULL SEQUENCE
81318	PMS2 GENE ANALYSIS KNOWN FAMILIAL VARIANTS
81319	PMS2 GENE ANALYSIS DUPLICATION/DELETION VARIANTS
81320	PLCG2 (phospholipase C gamma 2) (eg, chronic lymphocytic leukemia) gene analysis, common variants (eg, R665W, S707F, L845F)
81321	PTEN GENE FULL SEQUENCE
81322	PTEN GENE KNOWN FAM VARIANT
81323	PTEN GENE DUP/DELET VARIANT
81324	PMP22 GENE DUP/DELET
81325	PMP22 GENE FULL SEQUENCE
81326	PMP22 GENE KNOWN FAM VARIANT
81327	SEPT9 (Septin9) (eg, colorectal cancer) methylation analysis
81328	SLCO1B1 GENE ANALYSIS COMMON VARIANTS
81329	SMN1 (survival of motor neuron 1, telomeric) (eg, spinal muscular atrophy) gene analysis; dosage/deletion analysis (eg, carrier testing), includes SMN2 (survival of motor neuron 2, centromeric) analysis, if performed
81330	SMPD1 GENE ANALYSIS COMMON VARIANTS
81331	SNRPN/UBE3A METHYLATION ANALYSIS
81332	SERPINA1 GENE ANALYSIS COMMON VARIANTS
81333	TGFBI (transforming growth factor beta-induced) (eg, corneal dystrophy) gene analysis, common variants (eg, R124H, R124C, R124L, R555W, R555Q)
81334	RUNX1 GENE ANALYSIS TARGETED SEQUENCE ANALYSIS
81335	TPMT GENE ANALAYSIS COMMON VARIANTS
81336	SMN1 (survival of motor neuron 1, telomeric) (eg, spinal muscular atrophy) gene analysis; full gene sequence
81337	SMN1 (survival of motor neuron 1, telomeric) (eg, spinal muscular atrophy) gene analysis; known familial sequence variant(s)
81338	MPL (MPL proto-oncogene, thrombopoietin receptor) (eg, myeloproliferative disorder) gene analysis; common variants (eg, W515A, W515K, W515L, W515R)

81339	MPL (MPL proto-oncogene, thrombopoietin receptor) (eg, myeloproliferative disorder) gene analysis; sequence analysis, exon 10
81340	TRB@ REARRANGEMENT ANAL AMPLIFICATION METHOD
81341	TRB@ REARRANGEMENT ANAL DIRECT PROBE METHODOLOGY
81342	TRG@ GENE REARRANGEMENT ANALYSIS
81343	PPP2R2B (protein phosphatase 2 regulatory subunit Bbeta) (eg, spinocerebellar ataxia) gene analysis, evaluation to detect abnormal (eg, expanded) alleles
81344	TBP (TATA box binding protein) (eg, spinocerebellar ataxia) gene analysis, evaluation to detect abnormal (eg, expanded) alleles
81345	TERT (telomerase reverse transcriptase) (eg, thyroid carcinoma, glioblastoma multiforme) gene analysis, targeted sequence analysis (eg, promoter region)
81346	TYMS GENE ANALYSIS COMMON VARIANTS
81347	SF3B1 (splicing factor [3b] subunit B1) (eg, myelodysplastic syndrome/acute myeloid leukemia) gene analysis, common variants (eg, A672T, E622D, L833F, R625C, R625L)
81348	SRSF2 (serine and arginine-rich splicing factor 2) (eg, myelodysplastic syndrome, acute myeloid leukemia) gene analysis, common variants (eg, P95H, P95L)
81349	CYTOG ALYS CHRML ABNR LW-PS
81350	UGT1A1 GENE ANALYSIS COMMON VARIANTS
81351	TP53 (tumor protein 53) (eg, Li-Fraumeni syndrome) gene analysis; full gene sequence
81352	TP53 (tumor protein 53) (eg, Li-Fraumeni syndrome) gene analysis; targeted sequence analysis (eg, 4 oncology)
81353	TP53 (tumor protein 53) (eg, Li-Fraumeni syndrome) gene analysis; known familial variant
81355	VKORC1 GENE ANALYSIS COMMON VARIANTS
81357	U2AF1 (U2 small nuclear RNA auxiliary factor 1) (eg, myelodysplastic syndrome, acute myeloid leukemia) gene analysis, common variants (eg, S34F, S34Y, Q157R, Q157P)
81360	ZRSR2 (zinc finger CCCH-type, RNA binding motif and serine/arginine-rich 2) (eg, myelodysplastic syndrome, acute myeloid leukemia) gene analysis, common variant(s) (eg, E65fs, E122fs, R448fs)
81361	HBB COMMON VARIANTS
81362	HBB KNOWN FAMILIAL VARIANTS
81363	HBB DUPLICATION/DELETION VARIANTS
81364	HBB FULL GENE SEQUENCE
81370	HLA CLASS I&II LOW HLA-A -B -C -DRB1/3/4/5&-DQB1
81371	HLA I&II LOW RESOLUTION HLA-A -B&-DRB1/3/4/5
81372	HLA CLASS I TYPING LOW RESOLUTION COMPLETE
81373	HLA CLASS I TYPING LOW RESOLUTION ONE LOCUS EACH

81374	HLA I LOW RESOLUTION ONE ANTIGEN EQUIVALENT EACH
81375	HLA II LOW RESOLUTION HLA-DRB1/3/4/5 AND -DQB1
81376	HLA CLASS II TYPING LOW RESOLUTION ONE LOCUS EA
81377	HLA II LOW RESOLUTION ONE ANTIGEN EQUIVALENT EA
81378	HLA I&II HIGH RESOLUTION HLA-A -B -C AND -DRB1
81379	HLA CLASS I TYPING HIGH RESOLUTION COMPLETE
81380	HLA CLASS I TYPING HIGH RESOLUTION ONE LOCUS EA
81381	HLA I TYPING HIGH RESOLUTION 1 ALLELE/ALLELE GRP
81382	HLA CLASS II TYPING HIGH RESOLUTION ONE LOCUS EA
81383	HLA II HIGH RESOLUTION 1 ALLELE/ALLELE GROUP
81400	MOPATH PROCEDURE LEVEL 1
81401	MOPATH PROCEDURE LEVEL 2
81402	MOPATH PROCEDURE LEVEL 3
81403	MOPATH PROCEDURE LEVEL 4
81404	MOPATH PROCEDURE LEVEL 5
81405	MOPATH PROCEDURE LEVEL 6
81406	MOPATH PROCEDURE LEVEL 7
81407	MOPATH PROCEDURE LEVEL 8
81408	MOPATH PROCEDURE LEVEL 9
81410	AORTIC DYSFUNCTION DILATION GENOMIC SEQ ANALYSIS
81411	AORTIC DYSFUNCTION DILATION DUP DEL ANALYSIS
81412	ASHKENAZI JEWISH ASSOC DIS
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
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
81415	EXOME SEQUENCE ANALYSIS
81416	EXOME SEQUENCE ANALYSIS EACH COMPARATOR EXOME
81417	EXOME RE-EVAL OF PREVIOUSLY OBTAINED EXOME SEQ
81418	Drug metabolism (eg, pharmacogenomics) genomic sequence analysis panel, must include testing of at least 6 genes, including CYP2C19, CYP2D6, and CYP2D6 duplication/deletion analysis

81419	Epilepsy genomic sequence analysis panel, must include analyses for ALDH7A1, CACNA1A, CDKL5, CHD2, GABRG2, GRIN2A, KCNQ2, MECP2, PCDH19, POLG, PRRT2, SCN1A, SCN1B, SCN2A, SCN8A, SLC2A1, SLC9A6, STXBP1, SYNGAP1, TCF4, TPP1, TSC1, TSC2, and ZEB2
81420	FETAL CHROMOSOMAL ANEUPLOIDY GENOMIC SEQ ANALYS
81422	Fetal chromosomal microdeletion(s) genomic sequence analysis (eg, DiGeorge syndrome, Cri-du-chat syndrome), circulating cell-free fetal DNA in maternal blood
81425	GENOME SEQUENCE ANALYSIS
81426	GENOME SEQUENCE ANALYSIS EACH COMPARATOR GENOME
81427	GENOME RE-EVALUATION OF PREC OBTAINED GENOME SEQ
81430	HEARING LOSS GENOMIC SEQUENCE ANALYSIS 60 GENES
81431	HEARING LOSS DUP DEL ANALYSIS
81432	HRDTRY BRST CA-RLATD DSORDRS
81433	HRDTRY BRST CA-RLATD DSORDRS
81434	HEREDITARY RETINAL DISORDERS
81435	HEREDITARY COLON CA GENOMIC SEQ ANALYS 7 GENES
81436	HEREDITARY COLON CA SYND DUP DEL ANALYS 8 GENES
81437	HEREDTRY NURONDCRN TUM DSRDR
81438	HEREDTRY NURONDCRN TUM DSRDR
81439	Inherited cardiomyopathy (eg, hypertrophic cardiomyopathy, dilated cardiomyopathy, arrhythmogenic right ventricular cardiomyopathy) genomic sequence analysis panel, must include sequencing of at least 5 genes, including DSG2, MYBPC3, MYH7, PKP2, and TTN
81440	NUCLEAR MITOCHONDRIAL 100 GENE GENOMIC SEQ
81441	Inherited bone marrow failure syndromes (IBMFS) (eg, Fanconi anemia, dyskeratosis congenita, Diamond-Blackfan anemia, Shwachman-Diamond syndrome, GATA2 deficiency syndrome, congenital amegakaryocytic thrombocytopenia) sequence analysis panel, must include sequencing of at least 30 genes, including BRCA2, BRIP1, DKC1, FANCA, FANCB, FANCC, FANCD2, FANCE, FANCF, FANCG, FANCI, FANCL, GATA1, GATA2, MPL, NHP2, NOP10, PALB2, RAD51C, RPL11, RPL35A, RPL5, RPS10, RPS19, RPS24, RPS26, RPS7, SBDS, TERT, and TINF2
81442	NOONAN SPECTRUM DISORDERS
81443	Genetic testing for severe inherited conditions (eg, cystic fibrosis, Ashkenazi Jewish-associated disorders [eg, Bloom syndrome, Canavan disease, Fanconi anemia type C, mucolipidosis type VI, Gaucher disease, Tay-Sachs disease], beta hemoglobinopathies, p
81445	TARGETED GENOMIC SEQ ANALYS DNA ANALYS 5-50 GENE
81448	HEREDITARY PERIPHERAL NEUROPATHY GEN SEQ PNL
81449	Targeted genomic sequence analysis panel, solid organ neoplasm, 5-50 genes (eg, ALK, BRAF, CDKN2A, EGFR, ERBB2, KIT, KRAS, MET, NRAS, PDGFRA, PDGFRB, PGR, PIK3CA, PTEN, RET), interrogation for sequence variants and copy number variants or rearrangements, if performed; RNA analysis

81450	GENOMIC SEQ ANALYS DNA&RNA ANALYS 5-50 GENE
81451	Targeted genomic sequence analysis panel, hematolymphoid neoplasm or disorder, 5-50 genes (eg, BRAF, CEBPA, DNMT3A, EZH2, FLT3, IDH1, IDH2, JAK2, KIT, KRAS, MLL, NOTCH1, NPM1, NRAS), interrogation for sequence variants, and copy number variants or rearrangements, or isoform expression or mRNA expression levels, if performed; RNA analysis
81455	GENOMIC SEQ ANALYS DNA&RNA ANALYS 51 MORE GENES
81456	Targeted genomic sequence analysis panel, solid organ or hematolymphoid neoplasm or disorder, 51 or greater genes (eg, ALK, BRAF, CDKN2A, CEBPA, DNMT3A, EGFR, ERBB2, EZH2, FLT3, IDH1, IDH2, JAK2, KIT, KRAS, MET, MLL, NOTCH1, NPM1, NRAS, PDGFRA, PDGFRB, PGR, PIK3CA, PTEN, RET), interrogation for sequence variants and copy number variants or rearrangements, or isoform expression or mRNA expression levels, if performed; RNA analysis
81460	WHOLE MITOCHONDRIAL GENOME
81465	WHOLE MITOCHONDRIAL GENOME ANALYSIS PANEL
81470	X-LINKED INTELLECTUAL DBLT GENOMIC SEQ ANALYS
81471	X-LINKED INTELLECTUAL DBLT DUP DEL GENE ANALYS
81479	UNLISTED MOLECULAR PATHOLOGY
81465	WHOLE MITOCHONDRIAL GENOME ANALYSIS PANEL
81470	X-LINKED INTELLECTUAL DBLT GENOMIC SEQ ANALYS
81471	X-LINKED INTELLECTUAL DBLT DUP DEL GENE ANALYS
81479	UNLISTED MOLECULAR PATHOLOGY