

Molecular Diagnostic Testing

Prior Authorization Program Coding

Point32Health's genetic and molecular diagnostic testing program is managed through an arrangement with **Carelon Medical Benefits Management** (formerly AIM Specialty Health) for these products: Harvard Pilgrim Health Care Commercial, Tufts Health Direct, Tufts Health Plan Together, Tufts Health Plan RITogether, and Tufts Health One Care.

The program includes the following services: reproductive carrier screening, prenatal testing, rare disease testing, whole exome/genome sequencing, hereditary cancer testing, hereditary cardiac testing, tumor markers, neurogenetic and neuromuscular testing, pharmacogenomics and thrombophilia testing.

For more information on this program, please refer to the [Vendor Programs page](#) on the Point32Health provider website.

Please refer to the table below for coding guidance:

CPT Code	CPT Description
81120	IDH1 COMMON VARIANTS
81121	IDH2 COMMON VARIANTS
81161	DMD DUPLICATION/DELETION ANALYSIS
81162	BRCA1 BRCA2 GENE ALYS FULL SEQ FULL DUP/DEL ALYS
81163	BRCA1 BRCA2 GENE ANALYSIS FULL SEQUENCE ANALYSIS
81164	BRCA1 BRCA2 GENE ANALYSIS FULL DUP/DEL ANALYSIS
81165	BRCA1 GENE ANALYSIS FULL SEQUENCE ANALYSIS
81166	BRCA1 GENE ANALYSIS FULL DUP/DEL ANALYSIS
81167	BRCA2 GENE ANALYSIS FULL DUP/DEL ANALYSIS
81168	CCND1/IGH TRANSLOCATION ALYS MAJOR BP QUAL&QUAN
81170	ABL1 GENE ANALYSIS KINASE DOMAIN VARIANTS
81171	AFF2 GENE ANALYSIS EVAL DETECT ABNORMAL ALLELES
81172	AFF2 GENE ANALYSIS CHARACTERIZATION OF ALLELES
81173	AR GENE ANALYSIS FULL GENE SEQUENCE
81174	AR GENE ANALYSIS KNOWN FAMILIAL VARIANT
81175	ASXL1 GENE ANALYSIS FULL GENE SEQUENCE
81176	ASXL1 GENE ANALYSIS TARGETED SEQ ANALYSIS
81177	ATN1 GENE ANALYSIS EVAL DETECT ABNORMAL ALLELES
81178	ATXN1 GENE ANALYSIS EVAL DETECT ABNORMAL ALLELES
81179	ATXN2 GENE ANALYSIS EVAL DETECT ABNORMAL ALLELES
81180	ATXN3 GENE ANALYSIS EVAL DETECT ABNORMAL ALLELES
81181	ATXN7 GENE ANALYSIS EVAL DETECT ABNORMAL ALLELES
81182	ATXN8OS GENE ANALYSIS EVAL DETECT ABNOR ALLELES
81183	ATXN10 GENE ANALYSIS EVAL DETC ABNORMAL ALLELES
81184	CACNA1A GENE ANALYSIS EVAL DETECT ABNOR ALLELES
81185	CACNA1A GENE ANALYSIS FULL GENE SEQUENCE
81186	CACNA1A GENE ANALYSIS KNOWN FAMILIAL VARIANT
81187	CNBP GENE ANALYSIS EVAL DETECT ABNORMAL ALLELES
81188	CSTB GENE ANALYSIS EVAL DETECT ABNORMAL ALLELES
81189	CSTB GENE ANALYSIS FULL GENE SEQUENCE
81190	CSTB GENE ANALYSIS KNOWN FAMILIAL VARIANTS
81191	NTRK1 TRANSLOCATION ANALYSIS
81192	NTRK2 TRANSLOCATION ANALYSIS
81193	NTRK3 TRANSLOCATION ANALYSIS
81194	NTRK TRANSLOCATION ANALYSIS

CPT Code	CPT Description
81195	CYTOG GEN-WIDE ALYS HEM MAL STRUX VRNT&CNV OGM
81200	ASPA GENE ANALYSIS COMMON VARIANTS
81201	APC GENE ANALYSIS FULL GENE SEQUENCE
81202	APC GENE ANALYSIS KNOWN FAMILIAL VARIANTS
81203	APC GENE ANALYSIS DUPLICATION/DELETION VARIANTS
81204	AR GENE ANALYSIS CHARACTERIZATION OF ALLELES
81205	BCKDHB GENE ANALYSIS COMMON VARIANTS
81206	BCR/ABL1 MAJOR BREAKPNT QUALITATIVE/QUANTITATIVE
81207	BCR/ABL1 MINOR BREAKPNT QUALITATIVE/QUANTITATIVE
81208	BCR/ABL1 OTHER BREAKPNT QUALITATIVE/QUANTITATIVE
81209	BLM GENE ANALYSIS 2281DEL6INS7 VARIANT
81210	BRAF GENE ANALYSIS V600 VARIANT(S)
81212	BRCA1 BRCA 2 GEN ALYS 185DELAG 5385INSC 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 ANALYSIS FULL GENE SEQUENCE
81219	CALR GENE ANALYSIS COMMON VARIANTS IN EXON 9
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 VARIANTS
81226	CYP2D6 GENE ANALYSIS COMMON VARIANTS
81227	CYP2C9 GENE ANALYSIS COMMON VARIANTS
81228	CYTOGENOM CONST MICROARRAY COPY NUMBER VARIANTS
81229	CYTOGENOM CONST MICROARRAY COPY NUMBER&SNP VAR
81230	CYP3A4 GENE ANALYSIS COMMON VARIANTS
81231	CYP3A5 GENE ANALYSIS COMMON VARIANTS
81232	DPYD GENE ANALYSIS COMMON VARIANTS
81233	BTK GENE ANALYSIS COMMON VARIANTS
81234	DMPK GENE ANALYSIS EVAL DETECT ABNORMAL ALLELES
81235	EGFR GENE ANALYSIS COMMON VARIANTS
81236	EZH2 GENE ANALYSIS FULL GENE SEQUENCE
81237	EZH2 GENE ANALYSIS COMMON VARIANTS
81238	F9 FULL GENE SEQUENCE
81239	DMPK GENE ANALYSIS CHARACTERIZATION OF ALLELES
81240	F2 GENE ANALYSIS 20210G >A VARIANT
81241	F5 COAGULATION FACTOR V ANAL LEIDEN VARIANT
81242	FANCC GENE ANALYSIS COMMON VARIANT
81243	FMR1 GENE ALYS EVAL TO DETECT ABNORMAL ALLELES
81244	FMR1 GENE ANALYSIS CHARACTERIZATION OF ALLELES
81245	FLT3 GENE ANALYSIS INTERNAL TANDEM DUP VARIANTS
81246	FLT3 GENE ANALYS TYROSINE KINASE DOMAIN VARIANTS
81247	G6PD GENE ANALYSIS COMMON VARIANTS
81248	G6PD GENE ANALYSIS KNOWN FAMILIAL VARIANTS

CPT Code	CPT Description
81249	G6PD GENE ANALYSIS FULL GENE SEQUENCE
81250	G6PC GENE ANALYSIS COMMON VARIANTS
81251	GBA GLUCOSIDASE/BETA/ACID ANAL COMM VARIANTS
81252	GJB2 GENE ANALYSIS FULL GENE SEQUENCE
81253	GJB2 GENE ANALYSIS KNOWN FAMILIAL VARIANTS
81254	GJB6 GENE ANALYSIS COMMON VARIANTS
81255	HEXA GENE ANALYSIS COMMON VARIANTS
81256	HFE HEMOCHROMATOSIS GENE ANAL COMMON VARIANTS
81257	HBA1/HBA2 GENE ANALYSIS 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
81269	HBA1/HBA2 GENE ANALYSIS DUP/DEL VARIANTS
81270	JAK2 GENE ANALYSIS P.VAL617PHE VARIANT
81271	HTT GENE ANALYSIS DETECT ABNORMAL ALLELES
81272	KIT GENE ANALYSIS TARGETED SEQUENCE ANALYSIS
81273	KIT GENE ANALYSIS D816 VARIANT(S)
81274	HTT GENE ANALYSIS CHARACTERIZATION ALLELES
81275	KRAS GENE ANALYSIS VARIANTS IN EXON 2
81276	KRAS GENE ANALYSIS ADDITIONAL VARIANT(S)
81277	CYTOGENOMIC NEOPLASIA MICROARRAY ANALYSIS
81278	IGH@/BCL2 TLCJ ALYS MBR & MCR BP QUAL/QUAN
81279	JAK2 TARGETED SEQUENCE ANALYSIS
81283	IFNL3 GENE ANALYSIS RS12979860 VARIANT
81284	FXN GENE ANALYSIS EVAL DETECT ABNORMAL ALLELES
81285	FXN GENE ANALYSIS CHARACTERIZATION ALLELES
81286	FXN GENE ANALYSIS FULL GENE SEQUENCE
81287	MGMT GENE PROMOTER METHYLATION ANALYSIS
81288	MLH1 GENE ANALYSIS PROMOTER METHYLATION ANALYSIS
81289	FXN GENE ANALYSIS KNOWN FAMILIAL VARIANTS
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

CPT Code	CPT Description
81303	MECP2 GENE ANALYSIS KNOWN FAMILIAL VARIANT
81304	MECP2 GENE ANALYSIS DUPLICATION/DELETION VARIANT
81305	MYD88 GENE ANALYSIS P.LEU265 (L265P) VARIANT
81306	NUDT15 GENE ANALYSIS COMMON VARIANTS
81307	PALB2 GENE ANALYSIS FULL GENE SEQUENCE
81308	PALB2 GENE ANALYSIS FULL GENE SEQUENCE
81309	PIK3CA GENE ANALYSIS TARGETED SEQUENCE ANALYSIS
81310	NPM1 NUCLEOPHOSMIN GENE ANAL EXON 12 VARIANTS
81311	NRAS GENE ANALYSIS VARIANTS IN EXON 2&3
81312	PABPN1 GENE ANALYSIS EVAL DETC ABNORMAL ALLELES
81313	PCA3/KLK3 PROSTATE SPECIFIC ANTIGEN RATIO
81314	PDGFRA GENE ANALYSIS TARGETED SEQUENCE ANALYSIS
81315	PML/RARALPHA COMMON BREAKPOINTS QUAL/QUANT
81316	PML/RARALPHA SINGLE BREAKPOINT QUAL/QUAN
81317	PMS2 GENE ANALYSIS FULL SEQUENCE
81318	PMS2 GENE ANALYSIS KNOWN FAMILIAL VARIANTS
81319	PMS2 GENE ANALYSIS DUPLICATION/DELETION VARIANTS
81320	PLCG2 GENE ANALYSIS COMMON VARIANTS
81321	PTEN GENE ANALYSIS FULL SEQUENCE ANALYSIS
81322	PTEN GENE ANALYSIS KNOWN FAMILIAL VARIANT
81323	PTEN GENE ANALYSIS DUPLICATION/DELETION VARIANT
81324	PMP22 GENE ANAL DUPLICATION/DELETION ANALYSIS
81325	PMP22 GENE ANALYSIS FULL SEQUENCE ANALYSIS
81326	PMP22 GENE ANALYSIS KNOWN FAMILIAL VARIANT
81327	SEPT9 GENE PROMOTER METHYLATION ANALYSIS
81328	SLCO1B1 GENE ANALYSIS COMMON VARIANTS
81329	SMN1 GENE ANALYSIS DOSAGE/DELET ALYS W/SMN2 ALYS
81330	SMPD1 GENE ANALYSIS COMMON VARIANTS
81331	SNRPN/UBE3A METHYLATION ANALYSIS
81332	SERPINA1 GENE ANALYSIS COMMON VARIANTS
81333	TGFBI GENE ANALYSIS COMMON VARIANTS
81334	RUNX1 GENE ANALYSIS TARGETED SEQUENCE ANALYSIS
81335	TPMT GENE ANALYSIS COMMON VARIANTS
81336	SMN1 GENE ANALYSIS FULL GENE SEQUENCE
81337	SMN1 GENE ANALYSIS KNOWN FAMILIAL SEQ VARIANTS
81338	MPL GENE ANALYSIS COMMON VARIANTS
81339	MPL 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 GENE ANALYSIS EVAL DETC ABNORMAL ALLELES
81344	TBP GENE ANALYSIS EVAL DETECT ABNORMAL ALLELES
81345	TERT GENE ANALYSIS TARGETED SEQUENCE ANALYSIS
81346	TYMS GENE ANALYSIS COMMON VARIANTS
81347	SF3B1 GENE ANALYSIS COMMON VARIANTS
81348	SRSF2 GENE ANALYSIS COMMON VARIANTS
81349	CYTOG ALYS CHRML ABNR LW-PS

CPT Code	CPT Description
81350	UGT1A1 GENE ANALYSIS COMMON VARIANTS
81351	TP53 GENE ANALYSIS FULL GENE SEQUENCE
81352	TP53 GENE ANALYSIS TARGETED SEQUENCE ANALYSIS
81353	TP53 GENE ANALYSIS KNOWN FAMILIAL VARIANT
81354	CYTOG ALYS CHRML ABNOR INTEROG CPY NMBR VRNT OGM
81355	VKORC1 GENE ANALYSIS COMMON VARIANT(S)
81357	U2AF1 GENE ANALYSIS COMMON VARIANTS
81360	ZRSR2 GENE ANALYSIS COMMON VARIANT(S)
81361	HBB COMMON VARIANTS
81362	HBB KNOWN FAMILIAL VARIANTS
81363	HBB DUPLICATION/DELETION VARIANTS
81364	HBB FULL GENE SEQUENCE
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 DSRDRS GEN SEQ ANAL 9 GEN
81413	CAR ION CHNNLPATH GENOMIC SEQ ALYS INC 10 GNS
81414	CAR ION CHNNLPATH DUP/DEL GN ALYS PANEL 2 GENES
81415	EXOME SEQUENCE ANALYSIS
81416	EXOME SEQUENCE ANALYSIS EACH COMPARATOR EXOME
81417	EXOME RE-EVAL OF PREVIOUSLY OBTAINED EXOME SEQ
81418	RX METAB GENOMIC SEQ ALYS PANEL AT LEAST 6 GENES
81419	EPILEPSY GENOMIC SEQUENCE ANALYSIS PANEL
81420	FETAL CHROMOSOMAL ANEUPLOIDY GENOMIC SEQ ANALYS
81422	FETAL CHROMOSOMAL MICRODELTY GENOMIC SEQ ANALYS
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	HEREDITARY BRST CA-RELATED GEN SEQ ANALYS 10 GEN
81434	HEREDITARY RETINAL DSRDRS GEN SEQ ANALYS 15 GEN
81435	HEREDITARY COLON CA DSRDRS GEN SEQ ANALYS 10 GEN
81437	HEREDTRY NURONDCRN TUM DSRDRS GEN SEQ ANAL 6 GEN
81439	HEREDITARY CARDIOMYOPATHY GEN SEQ ANALYS 5 GEN
81440	NUCLEAR MITOCHONDRIAL 100 GENE GENOMIC SEQ
81441	IBMFS SEQUENCE ANALYSIS PANEL AT LEAST 30 GENES
81442	NOONAN SPECTRUM DISORDERS GEN SEQ ANALYS 12 GEN
81443	GENETIC TESTING FOR SEVERE INHERITED CONDITIONS

CPT Code	CPT Description
81445	SOLID ORGAN NEOPLASM GSAP 5-50 DNA/DNA&RNA ALYS
81448	HEREDITARY PERIPHERAL NEUROPATHY GEN SEQ PNL
81449	SOLID ORGAN NEOPLASM GSAP 5-50 RNA ANALYSIS
81450	HEMATOLYMPHOID NEO/DO GSAP 5-50DNA/DNA&RNA ALYS
81451	HEMATOLYMPHOID NEO/DO GSAP 5-50 RNA ANALYSIS
81455	SO/HEMATOLYMPHOID NEO/DO 51/>GSAP DNA/DNA&RNA
81456	SO/HEMATOLYMPHOID NEO/DO 51/>RNA ANALYSIS
81457	SO NEO GSAP DNA ALYS MICROSATELLITE INSTABILITY
81458	SO NEO GSAP DNA ALY CPY NMBR&MICROSATELLITE INS
81459	SO NEO GSAP DNA ALYS/DNA&RNA CPY NMBR MCRSTL INS
81460	WHOLE MITOCHONDRIAL GENOME
81462	SO NEO GSAP CLL FR DNA/DNA&RNA CPY NMBR&REARGMT
81463	SO NEO GSAP CLL FR DNA ALYS CPY NMBR&MCRSTL INS
81464	SO NEO GSAP CL FR DNA/DNA&RNA CPY NMBR MCRST INS
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 PROCEDURE
81493	COR ART DISEASE MRNA GENE EXPRESSION 23 GENES
81504	ONCOLOGY TISSUE OF ORIGIN SIMILAR SCOR ALGORITHM
81507	FETAL ANEUPLOIDY 21 18 13 SEQ ANALY TRISOM RISK
81518	ONCOLOGY BREAST MRNA GENE EXPRESSION 11 GENES
81519	ONCOLOGY BREAST MRNA GENE EXPRESSION 21 GENES
81520	ONC BREAST MRNA GENE XPRSN PRFL HYBRD 58 GENES
81521	ONC BREAST MRNA MICRORA GENE XPRSN PRFL 70 GENES
81522	ONCOLOGY BREAST MRNA GENE XPRSN PRFL 12 GENES
81523	ONC BRST MRNA 70 CNT 31 GENE
81524	ONC CNS TUM DNA MTHYLTN ALYS AT LST 10,000 SITES
81525	ONCOLOGY COLON MRNA GENE EXPRESSION 12 GENES
81529	ONC CUTAN MLNMA MRNA GENE XPRS PRFL 31 GENES ALG
81540	ONC CUTAN MLNMA MRNA GENE XPRS PRFL 31 GENES ALG
81541	ONC PRST8 MRNA GENE XPRSN PRFL RT-PCR 46 GENES
81542	ONC PRST8 MRNA MICRORA GENE XPRSN PRFL 22 GENES
81546	ONC THYR MRNA 10,196 GENES FINE NDL ASPIRATE ALG
81551	ONC PRST8 PRMTR METHYLATION PRFL R-T PCR 3 GENES
81552	ONC UVEAL MLNMA MRNA GENE XPRSN PRFL 15 GENES
81554	PULM DS IPF MRNA 190 GENE TRANSBRONCHIAL BX ALG
81558	TRNSPLJ REJ KDN MRNA GENE XPRSN PRFLG QPCR 139
81595	CARDIOLOGY HRT TRNSPL MRNA GENE EXPRESS 20 GENES
89290	Biopsy, oocyte polar body or embryo blastomere, microtechnique (for pre-implantation genetic diagnosis); less than or equal to 5 embryos
89291	Biopsy, oocyte polar body or embryo blastomere, microtechnique (for pre-implantation genetic diagnosis); greater than 5 embryos
0001U	RBC DNA HEA 35 AG 11 BLD GRP WHL BLD CMN ALLEL
0004M	Scoliosis, DNA analysis of 53 SNPs, saliva, prognostic algorithm risk score.
0005U	ONCO PRST8 GENE XPRS PRFL 3 GENE UR ALG RSK SCOR
0006M	ONCOLOGY HEP MRNA 161 GENES RISK CLASSIFIER
0007M	ONCOLOGY GASTRO 51 GENES NOMOGRAM DISEASE INDEX

CPT Code	CPT Description
0011M	ONC PRST8 CA MRNA 12 GENES BLD PLSM & UR ALG
0012M	ONC URTHL MRNA 5 GENES UR ALG RISK UROTHELIAL CA
0013M	ONC URTHL MRNA 5 GENES UR ALG RSK RECR URTHL CA
0016M	ONC BLADDER MRNA MICROARRAY GENE XPRSN PRFLG 209
0016U	ONC HMTLMF NEO RNA BCR/ABL1 BLD/BNE MARROW
0017M	ONC DLBCL MRNA FLUOR PRB HYBRDZTN 20 GENES ALG
0017U	ONC HMTLMF NEO JAK2 MUTATION DNA BLD/BNE MARROW
0018U	ONC THYR 10 MICRORNA SEQ +/- RSLT MOD HI RSK MAL
0019U	ONC RNA WHL TRANSCRIPTOME SEQ TISS PREDCT ALG
0020M	ONC CNS ALYS 30000 DNA METHYLATION LOCI TUM TISS
0022U	TGSAP NONSMALL CELL LUNG NEO DNA&RNA 23 GENES
0023U	ONC AML DNA GNTYP INT TANDEM DUP DETCJ/NONDETCJ
0026U	ONC THYR DNA
0027U	JAK2 GENE ANALYSIS TRGT SEQ ALYS EXONS 12-15
0030U	RX METAB WARFARIN RX RESPONSE TRGT SEQ ALYS
0032U	COMT GENE ANALYSIS C.472G
0034U	TPMT NUDT15 GENE ANALYSIS COMMON VARIANTS
0036U	EXOME TUMOR TISSUE
0037U	TRGT GEN SEQ ALYS SLD ORGN NEO DNA 324 GENES
0040U	BCR/ABL1 GENE TLCJ ALYS MAJOR BP QUANTITATIVE
0045U	ONC BRST DUX CARC IS MRNA 12 GENES ALG RSK SCOR
0046U	FLT3 GENE INT TANDEM DUPL VARIANTS QUANTITATIVE
0047U	ONC PRST8 MRNA GEN XPRS PRFL 17 GEN ALG RSK SCOR
0048U	ONC SLD ORG NEO DNA 468 CANCER ASSOCIATED GENES
0049U	NPM1 GENE ANALYSIS QUANTITATIVE
0050U	TRGT GEN SEQ ALYS AML 194 GENE INTERROG SEQ VRNT
0055U	CARD HRT TRNSPL 96 TARGET DNA SEQUENCES PLASMA
0060U	TWN ZYG GEN TRGT SEQ ALYS CHRMS2 FTL DNA MAT BLD
0069U	ONC CLRCT MICRORNA XPRS PRFL MIR-31-3P ALG
0070U	CYP2D6 GENE ANALYSIS COMMON
0071U	CYP2D6 GENE ANALYSIS FULL GENE SEQUENCE
0072U	CYP2D6 GENE TRGT SEQ ALYS CYP2D6-2D7 HYBRID GENE
0073U	CYP2D6 GENE TRGT SEQ ALYS CYP2D7-2D6 HYBRID GENE
0074U	CYP2D6 TRGT SEQ ALYS NONDUP GENE DUPL/MLT TRANS
0075U	CYP2D6 GENE TRGT SEQ ALYS 5' GENE DUPL/MLT
0076U	CYP2D6 GENE TRGT SEQ ALYS 3' GENE DUPL/MLT
0079U	CMPRTV DNA ALYS MLT SNPS UR
0087U	CARD HRT TRNSPL MRNA GEN XPRS PRFL 1283 GENE ALG
0088U	TRNSPLJ MED KDN ALGRFT REJ 1494 GENES ALG
0089U	ONC MLNMA GEN XPRS PRFL RTQPCR PRAME
0090U	ONC CUTAN MLNMA MRNA GEN XPRS PRFL 23 GENES ALG
0094U	GENOME RAPID SEQUENCE ANALYSIS
0101U	HERED COLON CA DO GEN SEQ ALYS PANEL 15 GENES
0102U	HERED BRST CA RLTD DO GEN SEQ ALYS PNL 17 GENES
0103U	HERED OVARIAN CANCER GEN SEQ ALYS PANEL 24 GENES
0111U	ONCOLOGY COLON CANCER TRGT KRAS
0112U	Infectious agent detection and identification, targeted sequence analysis (16S and 18S rRNA genes) with drug-resistance gene

CPT Code	CPT Description
0113U	ONCOLOGY PRST8 MEAS PCA3
0114U	GI BARRETTS ESOPHAGUS VIM
0118U	TRANSPLANTATION MED QUAN DON-DRV CLL-FR DNA PLSM
0120U	ONC B CLL LYMPHM MRNA GENE XPRSN PRFL 58 GEN ALG
0129U	HEREDITARY BRST CA RLTD DO GEN SEQ
0130U	HEREDITARY COLON CA DO TRGT MRNA SEQ ALYS PANEL
0133U	HERED PRST8 CA RLTD DO TRGT MRNA SEQ ALYS 11 GEN
0134U	HEREDITARY PAN CA TRGT MRNA SEQ ALYS 18 GENE
0136U	ATM MRNA SEQUENCE ANALYSIS
0137U	PALB2 MRNA SEQUENCE ANALYSIS
0138U	BRCA1 BRCA2 MRNA SEQUENCE ANALYSIS
0153U	ONC BREAST MRNA GENE EXPRESSION PRFL 101 GENES
0154U	ONC UROTHELIAL CANCER RNA RT-PCR FGFR3 GENE ALYS
0155U	ONC BRST CA DNA PIK3CA GENE ALYS BRST TUM TISS
0156U	COPY NUMBER SEQUENCE ANALYSIS
0157U	APC GENE MRNA SEQUENCE ANALYSIS
0158U	MLH1 GENE MRNA SEQUENCE ANALYSIS
0159U	MSH2 GENE MRNA SEQUENCE ANALYSIS
0160U	MSH6 GENE MRNA SEQUENCE ANALYSIS
0161U	PMS2 GENE MRNA SEQUENCE ANALYSIS
0162U	HERED COLON CA TARGETED MRNA SEQUENCE ALYS PANEL
0169U	NUDT15
0170U	NEURO ASD RNA NEXT-GNRJ SEQ SALIVA ALG ALYS
0171U	TARGETED GENOMIC SEQUENCE ALYS PNL DNA 23 GENES
0172U	ONC SLD TUM SOMATIC MUT ALYS BRCA1 BRCA2 ALG
0173U	PSYCHIATRY GEN ALYS PNL W/VARIANT ALYS 14 GENES
0175U	PSYCHIATRY GEN ALYS PNL W/VARIANT ALYS 15 GENES
0177U	ONC BRST CA DNA PIK3CA GEN ALYS 11 GEN VRNT PLSM
0179U	ONC NONSM CLL LNG CA CELL FREE DNA ALYS 23 GEN
0203U	AUTOIMMUN IBD MRNA GEN XPRSN PRFL 17 GEN WHL BLD
0204U	ONC THYR MRNA GENE XPRSN ALYS 593 GENES FNA
0205U	OPH AGE-RELATED MAC DEGENERATION ALYS 3 GEN VRNT
0209U	CYTOG CONST ALYS INTERROG GEN REG F/COPY NUMBER
0211U	ONC PAN-TUMOR DNA
0212U	RARE DS WHL GEN
0213U	RARE DS WHL GEN
0214U	RARE DS WHL XOM
0215U	RARE DS WHL XOM
0216U	NEURO INH ATAXIA GENOMIC DNA SEQ ALYS 12 BLD/SLV
0217U	NEURO INH ATAXIA GENOMIC DNA SEQ ALYS 51 BLD/SLV
0218U	NEURO MUSCULAR DYSTROPHY DMD SEQ ALYS BLD/SALIVA
0228U	ONC PRST8 MULTIANAL MOLEC PRFL PHOTOMETRIC DETCJ
0229U	BCAT1 PROMOTER METHYLATION ANALYSIS
0230U	AR FUL SEQ ALYS CHNG DELET DUPL XPNSJ INSJ VRNTS
0231U	CACNA1A FUL GEN ALY CHNG DELT DUP XPNSJ INSJ VRT
0232U	CSTB FUL GEN ALY CHNG DELET DUPL XPNSJ INSJ VRNT
0233U	FXN GENE ALYS CHNG DELET DUPL XPNSJ INSJ VRNTS

CPT Code	CPT Description
0234U	MECP2 FUL GEN ALYS CHANGES DELET DUPL INSJ VRNTS
0235U	PTEN FULL GEN ALYS CHANGES DELET DUPL INSJ VRNTS
0236U	SMN1
0237U	CARDIAC ION CHANNELOPATHIES GENOMIC SEQ ALYS PNL
0238U	ONC LYNCH SYNDROME GENOMIC DNA SEQUENCE ANALYSIS
0239U	TRGT GEN SEQ ALYS SLD ORGN NEO CLL-FR DNA 311+
0242U	TRGT GEN SEQ ALYS PNL SOLID ORGN NEO DNA 55-74
0244U	ONC SOLID ORGN DNA COMPRE GENOMIC PRFLG 257 GENE
0245U	ONC THYR MUT ALYS 10 GEN 37 RNA FSN XPRSN 4 MRNA
0250U	ONC SLD ORG NEO TRGT GEN SEQ DNA ALYS 505 GENES
0252U	FTL ANEUPLOIDY STR CMPRTV ALYS FTL DNA PRDC CNCP
0253U	REPRDVE MED RNA 238 GEN NXT GEN SEQ ENDMT TISS
0254U	REPRDVE MED ALYS 24 CHRMSM EMBRY& MITOCHDRL DNA
0258U	AI PSORIASIS MRNA GEN XPRSN PRFL 50-100 GEN ALG
0260U	RARE DS ID VRTJ INVRJ INSJ TLCJ OPT GENOME MAPG
0262U	ONC SOLID TUM GEN XPRSN PRFL RT-PCR 7 GEN PTHWY
0264U	RARE DS ID VRTJ INVRJ INSJ TLCJ OPT GENOME MAPG
0265U	RARE DO WHL GENOME
0266U	UNXPLAIND CONST/OTH HERITABLE DO/SYND GEN XPRSN
0267U	RARE DO ID VARIATIONS OPT GEN MAP
0268U	HEM ATYP HEMOLYTIC UREMC SYND GEN SEQ ALY 15 GEN
0269U	HEM AUTO DOM CGEN THRMBCTPNA GEN SEQ ALYS 22 GEN
0270U	HEM CGEN COAGJ DO GENOMIC SEQ ALYS 20 GENES
0271U	HEM CGEN NEUTROPENIA GEN SEQ ALYS 24 GENES
0272U	HEM GEN BLD DO GEN SEQ ALYS 60 GENE&DUP/DEL PLAUI
0273U	HEM GEN HYPRFIBRNLYSIS DLYD BLD SEQ ALYS 8 GEN
0274U	HEM GEN PLTLT DO GEN SEQ ALY 62 GEN &DUP/DEL PLAUI
0276U	HEM INH THROMBOCYTOPENIA GEN SEQ ALYS 23 GENES
0277U	HEM GEN PLTL FUNCJ DO GEN SEQ ALYS 31 GENES
0278U	HEM GEN THROMBOSIS GEN SEQ ALYS 12 GENES
0287U	ONC THYR DNA&MRNA 112 GENES
0288U	ONC LUNG MRNA QUAN PCR 11&3
0306U	ONC MRD NEXT-GNRJ TRGT SEQ ALYS CLL-FR DNA 1ST
0307U	ONC MRD NEXT-GNRJ TRGT SEQ ALYS CLL-FR DNA SBSQ
0313U	ONC PNCRS DNA&MRNA NXT-GNRJ SEQ ALYS 74 GEN&CEA
0314U	ONC CUTAN MLNMA MRNA GEN XPRSN PRFL 35 GENES ALG
0315U	ONC CUTAN SQ CLL CARC MRNA GEN XPRSN PRFL 40 ALG
0317U	ONC LUNG CA 4-PRB FISH ASY WHL BLD PREDICTIV ALG
0318U	PED WHL GENOME MTHYLTN ALYS MICRORA 50+GENES BLD
0319U	NEPH RNL TRNSPL RNA PRETRNSPL PERPH BLD ALG
0320U	NEPH RNL TRNSPL RNA POSTTRNSPL PERPH BLD ALG
0326U	TRGT GEN SEQ ALYS SLD ORGN NEO CLL-FR DNA 83+
0327U	FTL ANEUPLOIDY TRSMY DNA SEQ ALYS MAT PLSM RSK
0329U	ONC NEOPLASIA XOME&TRNS SEQ ALYS DNA&RNA TUMOR
0331U	ONC HL NEO OPT GEN MAPPING W/DNA BLD/BONE MARROW
0332U	ONC PAN TUM GENETIC PRFLG 8 DNA QUAN PCR WHL BLD
0333U	ONC LVR SRVLNC HCC ALYS METHYLTN PATTERNS CFDNA

CPT Code	CPT Description
0334U	ONC SLD ORGN TGSA FFPE TUM TISS DNA 84/+ GEN
0335U	RARE DISEASES WHOLE GENOME SEQ ALYS FETAL SAMPLE
0336U	RARE DISEASES WHOLE GENOME SEQ ALYS FETAL SAMPLE
0339U	ONC PROSTATE MRNA XPRSN PRFLG HOXC6 &DLX1 RT-PCR
0340U	ONC PAN CANCER ANALYSIS MRD FROM PLASMA
0341U	FETAL ANEUPLOIDY DNA SEQUENCING COMPARATIVE ALYS
0343U	ONC PRST8 XOME BASED ALYS 442 SNCRNA RT-QPCR UR
0345U	PSYC GENOMIC ALYS PANEL VARIANT ALYS 15 GENES
0347U	RX METAB/PCX DNA 16 GENE VRNT ALYS&REPRTD PHNT
0348U	RX METAB/PCX DNA 25 GENE VRNT ALYS&REPRTD PHNT
0349U	RX METAB/PCX DNA 27 GEN VRNT ALYS&PHNT GEN-RX IA
0350U	RX METAB/PCX DNA 27 GENE VRNT ALYS&REPRTD PHNT
0355U	APOL1 RISK VARIANTS
0356U	ONC OROPHARYNGEAL 17 BMRK CLL FREE DNA DDPCR ALG
0362U	ONC PAP THYR CA RNA SEQ 82 CNT&10 HSKP GEN ALG
0363U	ONC URTHL MRNA GEN XPRSN PRFLG RT QUAN PCR 5 GEN
0364U	ONC HL NEO GEN SEQ ALYS ALG
0368U	ONC CLRCT CA MUT&MTHYLTN MRK
0378U	RFC1 REPEAT XPNSJ VRNT ALY TRAD&REPEAT PRIME PCR
0379U	TGSAP SL OR NEO DNA523&RNA55
0388U	ONC NONSM CLL LNG CA NXT GNRJ SEQ 37 CA RLTD GEN
0389U	PED FEBRILE ILNES KAWASAKI DS IFI27&MCEP1 RNA
0391U	ONC SLD TUM DNA&RNA NXT GNJ SEQ FFPE TISS 437
0392U	RX METAB GEN-RX IA VRNT ALYS 16 GENES CYP2D6
0396U	Obstetrics (pre-implantation genetic testing), evaluation of 300,000 DNA single nucleotide polymorphisms by microarray, embryonic tissue, algorithm reported as a probability for single gene germline conditions
0400U	OB XPND CAR SCR 145 GEN NXT GNRJ SEQ FRAG ALYS
0401U	CRD C HRT DS 9 GEN 12 VRNTS TR
0403U	ONC PROSTATE MRNA GENE XPRSN PRFLG 18 URINE ALG
0405U	ONC PNCRTC 59 MTHYLTN HAPLOTYPED BLOCK MRK PLSM
0409U	ONC SLD TUM DNA 80&RNA 36 GEN NEXT GNRJ SEQ PLSM
0410U	ONC PNCRTC DNA WHL GN SEQ 5- HYDROXYMETHYLCYTOSN
0411U	PSYC GENOMIC ALYS PANEL VARIANT ALYS 15 GENES
0413U	ONC HL NEO OPT GEN MAPG CPY NMBR ALTERATIONS DNA
0414U	ONC LUNG AUGMNT ALG ALYS DGTZ WHOL SLD IMG 8 GEN
0417U	RARE DS WHL MITOCHDRL GEN SEQ ALYS 335 NUC GENES
0419U	NEUROPSYCHIATRY GEN SEQ ALYS PNL VRNT ALY 13 GEN
0420U	ONC URTHL MRNA XPRSN PRFL RT QUAN PCR DDPCR 6SNP
0422U	ONC PAN SOLID TUM ALYS DNA BMRK RSPSE ANTCA THER
0424U	ONC PRST8 XOME BASED ALYS 53 SNCRNA RT-QPCR UR
0425U	GENOME RAPID SEQ ANALYSIS EACH COMPARATOR GENOME
0426U	GENOME ULTRA-RAPID SEQUENCE ANALYSIS
0433U	ONC PROSTATE 5 DNA REG MRK QUAN PCR WHL BLD ALG
0434U	RX METAB ADVRS RX RXN&RSPSE VARIANT ALYS 25 GEN
0437U	PSYC ANXIETY DO MRNA GEN XPRSN PRFL RNA 15 BMRK
0438U	RX METAB ADVRS RX RXN&RSPSE VRNT ALYS 33 GENES
0439U	CRD CHD DNA ALYS 5 SNP 3 DNA MTHYLTN MRK QPCR

CPT Code	CPT Description
0440U	CRD CHD DNA ALYS 10 SNP 6 DNA MTHYLTN MRK QPCR
0444U	ONC SLD ORGN NEO TGSAP 361 GEN INTERROG DNA FFPE
0449U	CAR SCR SEV INH COND GENOMIC SEQ ALYS PNL 5 GEN
0452U	ONC BLADDER MTHYL PENK DNA DETCJ LTE-QMSP URINE
0453U	ONC CLRCT CA CFDNA MTHYLTN BSD QUAN PCR ASY PLSM
0454U	RARE DS ID VRTJ INVRJ INSJ TLCJ OPT GENOME MAPG
0460U	ONC WHL BLD/BUCCAL DNA SNP GNOTYP RT-PCR 24 GENE
0461U	ONC RX-GENOMIC ALYS SNP GNOTYP RT-PCR 24 GENES
0465U	ONC UROTHELIAL CARC DNA QMSP 2 GENES ALG ALYS
0466U	CRD CAD DNA GWAS 564856 SNP TRGT VARIANT GNOTYP
0467U	ONC BLDR DNA NGS 60 GEN&WHL GENOME ANEUP UR ALG
0469U	RARE DS WHL GENOM SEQ ALYS CHROMOML ABNR FTL SAMP
0471U	ONC CLRCT CA QUAL RT-PCR 35 VRNT KRAS&NRAS GENES
0473U	ONC SOLID TUMOR NGS DNA FFPE TISS BLD/SLV 648GEN
0474U	HERED PAN CA GSAP 88 GENES 20DUP/DEL NGS BLD/SLV
0475U	HERED PRST8 CA-RLTD DO GSAP NGS CGH EVAL 23 GENE
0476U	RX METAB PSYC RXGENOMIC GNOTYP 14GEN&CYP2D6 CNV
0477U	RX METAB PSY GNOTYP 14GEN&CYP2D6 IMPCT GEN-RX IA
0478U	ONC NSCLC DNA&RNA DPCR ALYS 9 GENES FFPE TISSUE
0481U	IDH1 IDH2&TERT PROMOTER CNS TUMORS NGS S/D/I
0485U	ONC SOL TUM CFDNA&RNA NGS IR GM CHIP TUM-DRV SNV
0486U	ONC PAN SOL TUM NGS ALYS TUM MTHYLTN MRK CFCTDNA
0487U	ONC SOL TUM CFCDNA TGSAP 84GEN INTERROG SEQ VRNT
0488U	OB FTL AG NIPT CFDNA SEQ ALYS DETCJ FTL PRESENCE
0489U	OB SGNIPT CFDNA SEQ ALYS 1+ TRGT ID PTHGNC VRNT
0493U	TRANSPLJ MED QUANTIFICATION DDCFDNA NGS PLASMA
0494U	RBC ANTIGEN FTL RHD GENE ALYS NGS CRCG CFDNA BLD
0496U	ONC CLRCT CFDNA 8GENS MUT 7GENS MTHYLTN RT-PCR
0497U	ONC PRST8 MRNA GEN XPRSN PRFL RT-PCR 6GEN FFPE
0498U	ONC CLRCT NGS MUT DETCJ 43GEN&MTHYLTN PTRN 45GEN
0499U	ONC CLRCT&LNG DNA FFPE TISS NGS 8GENES MUT DETCJ
0500U	AUTOINFLAM DS VEXAS SYND DNA UBA1 GENE MUT ALYS
0506U	GI BARRETTS ESOPHGL CELL DNA MTHYLTN ALYS NGS 89
0507U	ONC OVARIAN DNA WHOLE GENOME SEQ W/5HMC NRCHMT
0516U	RX METAB WHL BLD RXGENOMIC GNOTYP 40GENES&CYP2D6
0523U	ONC SOLID TUMOR DNA QUAL NGS SNV 22GEN FFPE TISS
0529U	HEM VTE GW SNP F2&F5 GENE ALYS & LEIDEN VRNT SLV
0530U	ONC PAN-SOL TUM CTDNA PLSM NGS 77 GEN 8 FUJN MSI
0532U	RARE DS RAPID WHL GEN&MITOCHDRL DNA SEQ SNV SLV
0533U	RX METAB ADVRS RX RXN&RSPSE GNOTYP 16 GENES
0534U	ONC PRST8 MIRNA SNP ALYS RT-PCR 32VRNT BUCC SWAB
0536U	RBC AG FETAL RHD PCR ALYS EXON 4 RHD GENE&GAPDH
0537U	ONC CLRCT CA ALYS CFDNA EPIG PTRN NGS >2500 DMR
0538U	ONC SOLID TUM NGTS ALYS FFPE DNA ALYS 600 GENES
0539U	ONC SOLID TUMOR CFCTDNA 152 GEN NGS INTERROG SNV
0540U	TRANSPLJ MEDICINE QUAN DD-CFDNA NGS ALYS PLASMA
0543U	ONC SOL TUM NGS DNA FFPE TISS 517GEN INTEROG SNV

CPT Code	CPT Description
0549U	ONC URTHL DNA QUAN MTHYLTD RT PCR TRNA-CYS SIM2
0552U	REPRDTVE MED PGA ALYS GDO TE BX LNKGE ALYS LOCUS
0553U	REPRDTVE MED PGA 24CHRMSM EMBRY TE STRUX REARGMT
0554U	REPRDTVE MED PGA 24CHRMSM DNA TE BX QUALITY CTRL
0555U	REPRDTVE MED PGA 24CHRMSMS EMBRY TE QUALITY CTRL
0560U	ONC MRD GEN SEQ ALYS CFDNA TUMOR TISS BL ASSMT
0561U	ONC MRD GEN SEQ ALYS CFDNA WHL BLD SBSQ ASSMT
0562U	ONC SOL TUM TGSA 33 GENES DETC SNVS CFDNA PLASMA
0565U	ONC HCC NGS MTHYLTN PTRN ASSAY DETC 6626 EPIGALT
0566U	ONC LNG QPCR-BASED ALYS 13DMRS PLEURAL FLUID ALG
0567U	RARE DS WHL GENOME SEQ ALYS SRS&LRS SNVS INDELS
0569U	ONC SOLID TUMOR NGS ALYS TMM >20000 DMRS CFCTDNA
0571U	ONC SOL TUM DNA80&RNA10 GENS NGS PLSM SNV INDELS
0575U	TRNSPLJ MED LIVER ALGRFT REJ MIRNA RTPCR 4 GENES
0576U	TRNSPLJ MED LVR ALGRFT REJ QUAN DDCFDNA WHLGENOM
0578U	ONC CUTAN MLNMA RNA GEN XPRSN RTQPCR 10GENS FFPE
0582U	RARE DS RPD WHL GEN DNA SEQ SNVS INDELS VARIANTS
0583U	RARE DS RPD WHL GEN CMPTR DNA SEQ VRNTS PROBAND
0585U	TGSAP SO NEO CFDNA ALYS PLSM 521 GENES INTERROG
0586U	ONC MRNA GENE XPRSN PRFLG 216GENS RNA XPRSN ALYS
0592U	ONC HL NEOPLASM DNA TGS 417GENS INTERROG GEN FUS
0597U	ONC BRST RNA XPRSN PRFLG 329GENS TRGT NGS 20PRTN
0605U	ALL&IMMUNOLOGY HAT DNA ALYS TPSAB1 GENE CNV DPCR
0611U	ONC LIVER ALYS >1000 MTHYLTD REGS CFDNA PLSM ALG
0612U	ONC LIVER ALYS >1000 MTHYLTD REGS CFDNA PLSM ALG
0613U	ONC UROTHELIAL CARC DNA MTHYLTN&MUT ALYS 6 BMRKS
0628U	NFRO KDN DS GENETIC COND 449
0630U	ONC BRST MRNA GEN PRFLG 80
0631U	ONC SOL TUM DNA SEQ ALYS 15
0632U	RBC AG FTL RHD GEN ALYS MPCR
0633U	OB 1-GENE N-INVAS PRNTL TST
0634U	ONC BRST CA CFDNA EVL 11ESR1
0635U	AI AD MRNA GENE XPRSN 487GEN
0641U	ONC MRD TUM DNA NGS FFPE 1ST
0642U	ONC MRD TUM DNA NGS WHL BLD
0643U	ONC GU CA CFCTDNA 200GEN NGS
0644U	ONC LEUKEMIA MRD BASELINE
0645U	ONC LEUKEMIA MRD BASED DPCR
0646U	ONC MRDS WGS CFDNA BASELINE
0647U	ONC MR DS WGS CFDNA CTDNA
0648U	ONC SOL TUM TGSA 42/10/18GEN
0649U	NEURO ALZ DS DNA NGS AD-1&2
0650U	RX METAB ADVRS RXNS&RSPSE 9
0651U	ONC HERED CA 55GEN NGS DMLPA
0652U	RX METAB ADVERSE DNA ALYS 13
0653U	NFRO INH KDN DO DNA 700GENS