

HLA-Related Health Conditions:	CPT Code:
Addison's Disease (HLA DR3 and HLA DR4)	81377
Abacavir Sensitivity (HLA B*57:01)	81381
Allopurinol Sensitivity (HLA B*58:01)	81381
Ankylosing Spondylitis (HLA B*27)	81374
Behcet's Disease (HLA B*51)	81373
Birdshot Chorioretinopathy (HLA A*29)	81381
Carbamazepine Sensitivity (HLA B*15:02)	81381
Celiac Disease (HLA DQ Alpha and DQ Beta)	81376
Grave's Disease (HLA DR B1*03:01)	81377
Multiple Sclerosis (HLA DR B1*15:01)	86817
Narcolepsy (HLA DQ*06:02 / DR B1*15:01)	81375
Rheumatoid Arthritis (HLA DR1 or HLA DR4)	81377
Sjogren's Syndrome (HLA DQ A1*05 / DQ B1*02 / DR B1*03)	81377
Systemic Lupus Erythematosus (HLA DR B1*03:01)	81377
SNP-Genotyping:	CPT Code:
Most SNPs use a general Tier 2 molecular pathology code	81479
APOE	81401
CBS	81406
COMT	0032U
CYP1A2	0031U
CYP2C19	81225
CYP2C9	81227
CYP2D6	81226
CYP3A4	81230
CYP3A5	81231
NADSYN1-DHCR7	81405
Factor II	81240
Factor V	81241
MTHFR	81291
SLCO1B1	81328
VKORC1	81355
Drug Metabolism (adverse reactions and responses): CYP1A2, CYP2C19, CYP2C9, CYP2D6, CYP3A4, CYP3A5, CYP4F2, SLCO1B1, VKORC1 and rs12777823	0029U
Drug metabolism (warfarin drug response): CYP2C9, CYP4F2, VKORC1, rs12777823	0030U
Pain management (opioid-use disorder): ABCB1, COMT, DAT1, DBH, DOR, DRD1, DRD2, DRD4, GABA, GAL, HTR2A, HTTLPR, MTHFR, MUOR, OPRK1, OPRM1	0078U

Transplant:	CPT Code:
Molecular Microscope Diagnostic System (MMDx) Heart	0087U
Molecular Microscope Diagnostic System (MMDx) Kidney	0088U
HLA-A High Resolutio	81380
HLA-B High Resolution	81380
HLA-C High Resolution	81380
HLA-DRB1 High Resolution	81382
HLA-DRB3,4,5 High Resolution	81382
HLA-DQB1 High Resolution	81382
HLA-DQA1 High Resolution	81382
HLA-DPB1 High Resolution	81382
HLA-DPA1 High Resolution	81382
HLA-A Intermediate Resolution	81373
HLA-B Intermediate Resolution	81373
HLA-C Intermediate Resolution	81373
HLA-DRB1 Intermediate Resolution	81376
HLA-DQB1 Intermediate Resolution	81376
HLA-DPB1 Intermediate Resolution	81376
HLA-DQA1 Intermediate Resolution	81376
HLA-DPA1 Intermediate Resolution	81376
Pre-Engraftment analysis: without cell selection	81265
Post Engraftment analysis: without cell selection	81267
Engraftment analysis: with cell selection	81268
HLA Class I/II Antibody Screen – Luminex	86828
HLA Class-I Antibody Specification (Single Ag)	86832
HLA Class-II Antibody Specification (Single Ag)	86833
KIR typing with interpretive notes	81479

Toxicology:	CPT Code:
6-MAM	G6056
7-Amino-Clonazepam	G6031
Alpha-Hydroxyalprazolam	G6031
Amphetamine	G6042
Benzoylcegonine	G6044
Codeine	G6056
Creatinine	82570
cTHC	82542
Dextromethorphan	G6056
Diazepam	G6031
Ethyl-Glucuronide	G6040
Fentanyl	G6056
Hydrocodone	G6056
Hydromorphone	G6056
Ketamine	82542
MDMA	G6042
Methadone	G6053
Methamphetamine	G6042
Mitragynine	G6055
Morphine	G6056
Naltrexol	G6056
Oxidant	84311
Oxycodone	G6056
Oxymorphone	G6056
pH	83986
Phencyclidine	83992
Specific Gravity	81003
Tramadol	G6056
Zolpidem	G6031
Confirmatory Uring Drug Testing	G0481
Urine Drug Screen	80305