

Histocompatibility CPT Code Crosswalk

Category	Subcategory	CPT Codes	Required Tests
Tier 1 Molecular Pathology	HLA	81372	Class I typing, low resolution; complete A, B, C
		81378	Class I and II typing, high resolution; A, B, C, and DRB1
		81382	Class II typing, high resolution; one locus, each - DRB1, DRB3/4/5, DQB1, DQA1, DPB1, DPA1
		86812	Single antigen A/B/C
		86813	Multiple antigens A/B/C
Tier 2 Molecular Pathology	Other Non-HLA Factors	81403	Killer cell immunoglobulin-like receptor (KIR) gene family
		81400	CCR5 Δ32-bp deletion mutation
Antibody Screening	Mixed Screen	86821	Lymphocyte Culture, mixed (MLC)
	PRA Screen - Class I and II	86807	Serum screening for cytotoxic percent reactive antibody; standard method
		86808	Serum screening for cytotoxic percent reactive antibody; quick method
		86828	Antibody to human leukocyte antigens (HLA), solid phase assays (e.g., microspheres or beads, ELISA, flow cytometry); qualitative assessment of the presence or absence of antibody(ies) to HLA Class I and Class II HLA antigens
	Single Antigen Bead - Class I and II	86829	Antibody to human leukocyte antigens (HLA), solid phase assays (e.g., microspheres or beads, ELISA, flow cytometry); qualitative assessment of the presence or absence of antibody(ies) to HLA Class I or Class II HLA antigens
		86830	Antibody to human leukocyte antigens (HLA), solid phase assays (e.g., microspheres or beads, ELISA, flow cytometry); antibody identification by qualitative panel using complete HLA phenotypes, HLA Class I
		86831	Antibody to human leukocyte antigens (HLA), solid phase assays (e.g., microspheres or beads, ELISA, flow cytometry); antibody identification by qualitative panel using complete HLA phenotypes, HLA Class II
		86832	Antibody to human leukocyte antigens (HLA), solid phase assays (e.g., microspheres or beads, ELISA, flow cytometry); high definition qualitative panel for identification of antibody specificities (e.g., individual antigen per bead methodology), HLA Class I
		86833	Antibody to human leukocyte antigens (HLA), solid phase assays (e.g., microspheres or beads, ELISA, flow cytometry); high definition qualitative panel for identification of antibody specificities (e.g., individual antigen per bead methodology), HLA Class II
		86834	Antibody to human leukocyte antigens (HLA), solid phase assays (e.g., microspheres or beads, ELISA, flow cytometry); semi-quantitative panel (e.g., titer), HLA Class I
		86835	Antibody to human leukocyte antigens (HLA), solid phase assays (e.g., microspheres or beads, ELISA, flow cytometry); semi-quantitative panel (e.g., titer), HLA Class II
	Complement Binding (Clq) - Class I and II	86160	Complement, antigen, each component
		86161	Complement, functional activity, each component
		86162	Complement, total hemolytic
		86332	Immune complex assay
	T cell and B cell	86920	Compatibility test each unit, immediate spin technique

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Crossmatching		86921	Compatibility test each unit, incubation technique
		86922	Compability test each unit, antiglobulin technique
		86923	Compability test each unit, electronic
Chimerism	Comparative analysis using short term tandem repeat (STR) markers; patient and comparative specimen (eg, pre-transplant recipient and donor germline testing, post-transplant non-heamtopoietic recipient germline and donor testing, twin zygosity testing, or maternal cell contamination of fetal cells)	81265	Pre-patient
		81265	Donor
		81265	Post HCT-whole blood
		81265	Post HCT-whole marrow
		81265	Post HCT-blood CD3
		81265	Post HCT-blood CD19/20
		81265	Post HCT-blood CD33/66
		81265	Post HCT-blood CD15
		81265	Post HCT-blood CD56
		81265	Post HCT-marrow CD34