

**American Association for Clinical Chemistry
2018 Clinical Laboratory Fee Schedule Recommendations
August 11, 2017**

New Code	2018 CPT Description	AACC Crosswalk	AACC Rationale	2017 NLA
<i>Molecular Pathology</i>				
81X31	CYP3A5 (cytochrome P450 family 3 subfamily A member 5) (eg, drug metabolism) gene analysis, common variants (eg, *2, *3, *4, *5 *6, *7)	81225	The resources required and the amount of DNA queried is comparable to 81225. AACC recommends a crosswalk to 81225.	\$293.40
81X32	DPYD (dihydropyrimidine dehydrogenase) (eg, 5-fluorouracil/5-FU and capecitabine drug metabolism) gene analysis, common variant(s) (eg, *2A, *4, *5, *6)	81227	The resources utilized by DPYD and CYPC29 are similar. AACC recommends a crosswalk to 81227.	\$176.03
81X25	F9 (coagulation factor IX) (eg, hemophilia B) full gene sequence	81321	Similar amounts of DNA are interrogated in PTEN and F9 full gene analyses due to the similarity of the number of exons performed. AACC suggests a crosswalk to 81321 since similar resources are utilized.	\$604.00
81X38	G6PD (glucose-6-phosphate dehydrogenase) (eg, hemolytic anemia, jaundice) gene analysis; known familial variant(s)	81215	Since both codes represent sequencing of one variant in one exon, AACC recommends a crosswalk to 81215 as the most appropriate way to capture the resources required to perform the G6PD known familial variants.	\$93.75

81X40	G6PD (glucose-6-phosphate dehydrogenase) (eg, hemolytic anemia, jaundice) gene analysis; full gene sequence	81321	Given the methods for sequencing and the amount of DNA sequenced is comparable for PTEN and G6PD full analyses, we suggest a crosswalk to 81321, where similar resources are utilized.	\$604.00
81X15	Human Platelet Antigen 1 genotyping (HPA-1), ITGB3 (integrin, beta 3 [platelet glycoprotein IIIa], antigen CD61 [GPIIIa]) (eg, neonatal alloimmune thrombocytopenia [NAIT], post-transfusion purpura) gene analysis, common variant, HPA-1a/b (L33P)	81376	AACC recommends a crosswalk to 81376 due to similar resources and work performed. 81376 represents HLA one locus assay, that is essentially one SNP, which makes it a reasonable crosswalk for the Human Platelet Antigen genotyping.	\$167.66
81X16	Human Platelet Antigen 2 genotyping (HPA-2), GP1BA (glycoprotein Ib [platelet], alpha polypeptide [GPIba]) (eg, neonatal alloimmune thrombocytopenia [NAIT], post-transfusion purpura) gene analysis, common variant, HPA-2a/b (T145M)	81376	AACC recommends a crosswalk to 81376 due to similar resources and work performed. 81376 represents HLA one locus assay, that is essentially one SNP, which makes it a reasonable crosswalk for the Human Platelet Antigen genotyping.	\$167.66
81X17	Human Platelet Antigen 3 genotyping (HPA-3), ITGA2B (integrin, alpha 2b [platelet glycoprotein IIb of IIb/IIIa complex], antigen CD41 [GPIIb]) (eg, neonatal alloimmune thrombocytopenia [NAIT], post-transfusion purpura) gene analysis, common variant, HPA-3a/b (I843S)	81376	AACC recommends a crosswalk to 81376 due to similar resources and work performed. 81376 represents HLA one locus assay, that is essentially one SNP, which makes it a reasonable crosswalk for the Human Platelet Antigen genotyping.	\$167.66
81X18	Human Platelet Antigen 4 genotyping (HPA-4), ITGB3 (integrin, beta 3	81376	AACC recommends a crosswalk to 81376 due to similar resources and work performed. 81376	\$167.66

	[platelet glycoprotein IIIa], antigen CD61 [GPIIIa]) (eg, neonatal alloimmune thrombocytopenia [NAIT], post-transfusion purpura) gene analysis, common variant, HPA-4a/b (R143Q		represents HLA one locus assay, that is essentially one SNP, which makes it a reasonable crosswalk for the Human Platelet Antigen genotyping.	
81X19	Human Platelet Antigen 5 genotyping (HPA-5), ITGA2 (integrin, alpha 2 [CD49B, alpha 2 subunit of VLA-2 receptor] [GPIa]) (eg, neonatal alloimmune thrombocytopenia [NAIT], post-transfusion purpura) gene analysis, common variant (eg, HPA-5a/b (K505E))	81376	AACC recommends a crosswalk to 81376 due to similar resources and work performed. 81376 represents HLA one locus assay, that is essentially one SNP, which makes it a reasonable crosswalk for the Human Platelet Antigen genotyping.	\$167.66
81X20	Human Platelet Antigen 6 genotyping (HPA-6w), ITGB3 (integrin, beta 3 [platelet glycoprotein IIIa, antigen CD61] [GPIIIa]) (eg, neonatal alloimmune thrombocytopenia [NAIT], post-transfusion purpura) gene analysis, common variant, HPA-6a/b (R489Q)	81376	AACC recommends a crosswalk to 81376 due to similar resources and work performed. 81376 represents HLA one locus assay, that is essentially one SNP, which makes it a reasonable crosswalk for the Human Platelet Antigen genotyping.	\$167.66
81X21	Human Platelet Antigen 9 genotyping (HPA-9w), ITGA2B (integrin, alpha 2b [platelet glycoprotein IIb of IIb/IIIa complex, antigen CD41] [GPIIb]) (eg, neonatal alloimmune thrombocytopenia [NAIT], post-transfusion purpura) gene analysis, common variant, HPA-9a/b (V837M)	81376	AACC recommends a crosswalk to 81376 due to similar resources and work performed. 81376 represents HLA one locus assay, that is essentially one SNP, which makes it a reasonable crosswalk for the Human Platelet Antigen genotyping.	\$167.66
81X22	Human Platelet Antigen 15 genotyping (HPA-	81376	AACC recommends a crosswalk to 81376 due to similar resources	\$167.66

	15), CD109 (CD109 molecule) (eg, neonatal alloimmune thrombocytopenia [NAIT], post-transfusion purpura) gene analysis, common variant, HPA-15a/b (S682Y)		and work performed. 81376 represents HLA one locus assay, that is essentially one SNP, which makes it a reasonable crosswalk for the Human Platelet Antigen genotyping.	
81X23	IDH1 (isocitrate dehydrogenase 1 [NADP+], soluble) (eg, glioma), common variants (eg, R132H, R132C)	81275	The resources involved in performing IDH1 and KRAS tests are equivalent. AACC recommends a crosswalk to 81275 due to the similarities in materials and resources.	\$198.57
81X24	IDH2 (isocitrate dehydrogenase 2 [NADP+], mitochondrial) (eg, glioma), common variants (eg, R140W, R172M)	81311	The materials and resources involved in performing IDH2 and NRAS are similar. AACC recommends a crosswalk to 81311.	\$297.86
81X33	IFNL3 (interferon, lambda 3) (eg, drug response) gene analysis, rs12979860 variant	81241	The current description of this gene is "IL28B (interleukin 28B [interferone, lambda 3] (eg, drug response), rs 12979860 variant)" listed in the Tier 2 gene test list as 81400. AACC suggests a crosswalk from CPT 81241, Factor V Leiden, as similar work and resources are performed for both F5 and IFNL3.	\$83.82
81X36	TYMS (thymidylate synthetase) (eg, 5-fluorouracil/5-FU drug metabolism) gene analysis, common variant(s) (eg, tandem repeat variant)	81245	Similar resources are used in TPMT and FLT3. AACC recommends a crosswalk to 81245.	\$166.84
813X3	HBB (hemoglobin, subunit beta) (eg, sickle cell anemia, beta thalassemia, hemoglobinopathy); duplication/deletion variant(s)	81294	Methods are comparable for del/dups of MLH1 and HBB. AACC recommends a crosswalk to 81294 due to the use of similar resources.	\$191.72
813X4	HBB (hemoglobin,	81235	The amount of DNA sequence is	\$331.82

	subunit beta) (eg, sickle cell anemia, beta thalassemia, hemoglobinopathy); full gene sequence		comparable to EGFR common variant testing. AACC recommends a crosswalk to 81235 due to the utilization of similar resources.	
<i>Reconsidered Codes</i>				
81327	SEPT9 (Septin9) (eg, colorectal cancer) methylation analysis	81288	The revised AMA description closely reflects the existing 81288 code for MLH1. AACC recommends a crosswalk to 81288 due to similar work and resources.	\$160.76