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### Administrative Bulletin 18-23

#### 101 CMR 320.00 Clinical Laboratory Services

Effective January 1, 2018

#### Procedure Code Update

Under the authority of regulation 101 CMR 320.01(3), the Executive Office of Health and Human Services is adding new procedure codes and deleting outdated codes. Per the regulation, the rates for code additions are priced at 74.67% of the prevailing Medicare rate, if available. If Medicare rates are unavailable, services are priced at individual consideration. The rate for new code replacements were set at the rate previously set for the replaced codes. The changes, effective January 1, 2018, are as follows.

Code	Change	Rate	Code Description (if applicable)
81105	Addition	\$112.67	Human Platelet Antigen 1 genotyping (HPA -1), ITGB3 (integrin, beta 3 [platelet glycoprotein IIIa], antigen CD61 [GPIIIa]) (e.g., neonatal alloimmune thrombocytopenia [NAIT], post-transfusion purpura), gene analysis, common variant, HPA -1a/b (L33P)
81106	Addition	\$112.67	Human Platelet Antigen 2 genotyping (HPA -2), GPIBA (glycoprotein Ib [platelet], alpha polypeptide [GPIIb]) (e.g., neonatal alloimmune thrombocytopenia [NAIT], post-transfusion purpura), gene analysis, common variant, HPA -2a/b (T145M)
81107	Addition	\$112.67	Human Platelet Antigen 3 genotyping (HPA -3), ITGA2B (integrin alpha 2b platelet glycoprotein IIb of Iib/IIIa complex], antigen CD41 [GPIIb]) (e.g., neonatal alloimmune thrombocytopenia [NAIT], post-transfusion purpura), gene analysis, common variant, HPA -3a/b (I843S)
81108	Addition	\$112.67	Human Platelet Antigen 4 genotyping (HPA -4), ITGB3 (integrin beta 3 [platelet glycoprotein IIIa], antigen CD61 [GPIIIa]) (e.g., neonatal alloimmune thrombocytopenia [NAIT], post-transfusion purpura), gene analysis, common variant, HPA -4a/b (R143Q)
81109	Addition	\$112.67	Human Platelet Antigen 5 genotyping (HPA -5), ITGA2 (integrin alpha 2 subunit of VLA-2 receptor] [(GPIa]) (e.g., neonatal alloimmune thrombocytopenia [NAIT], post-transfusion purpura), gene analysis, common variant, (e.g., HPA -5a/b (K505E))
81110	Addition	\$112.67	Human Platelet Antigen 6 genotyping (HPA -6w), ITGB3 (integrin beta 3 [platelet glycoprotein IIIa, antigen CD61] [GPIIIa]) (e.g., neonatal alloimmune thrombocytopenia [NAIT], post-transfusion purpura), gene analysis, common variant, HPA -9a/b (R489Q)
81111	Addition	\$112.67	Human Platelet Antigen 9 genotyping (HPA -9w), ITGA2B ( integrin, alpha 2b



			(platelet glycoprotein IIb of IIb/IIIa complex, antigen CD41) [GPIIb]) (e.g., neonatal alloimmune thrombocytopenia [NAIT], post-transfusion purpura), gene analysis, common variant, HPA -9a/b (V837M)
81112	Addition	\$112.67	Human Platelet Antigen 15 genotyping (HPA -15), CD109 (CD109 molecule) (e.g., neonatal alloimmune thrombocytopenia [NAIT], post-transfusion purpura), gene analysis, common variant, HPA -15a/b (S682Y)
81120	Addition	\$144.30	IDH1 (isocitrate dehydrogenase 1 [NDDP+], soluble) (e.g., glioma), common variants (e.g., R132H, R132C)
81121	Addition	\$220.87	IDH2 (isocitrate dehydrogenase 2 [NDDP+], mitochondrial) (e.g., glioma), common variants (e.g., R140W, R172M)
81175	Addition	\$527.93	ASXL (additional sex combs like 1, transcriptional regulator) (e.g., myeloproliferative neoplasms, chronic myelomonocytic leukemia), gene analysis; full gene sequence
81176	Addition	\$222.99	ASXL (additional sex combs like 1, transcriptional regulator) (e.g., myeloproliferative neoplasms, chronic myelomonocytic leukemia), gene analysis; targeted sequence analysis (e.g., exon 12)
81230	Addition	\$130.53	CYP3A4 (cytochrome P450 family 3 subfamily A member 4) (e.g., drug metabolism), gene analysis, common variants (e.g., *2, *22),
81231	Addition	\$130.53	CYP3A5 (cytochrome P450 family 3 subfamily A member 5) (e.g., drug metabolism), gene analysis, common variants (e.g., *2, *3, *4, *5, *6, *7)
81232	Addition	\$130.53	DPYD (dihydropyrimidine dehydrogenase) (e.g., 5-fluorouracil/5-FU and capecitabine drug metabolism), gene analysis, common variant(s) (e.g., *2A, *4, *5, *6)
81238	Addition	\$448.02	F9 (coagulation factor IX) (e.g., hemophilia B), full gene sequence
81247	Addition	\$130.53	G6PD (glucose-6-phosphate dehydrogenase) (e.g., hemolytic anemia, jaundice), gene analysis; common variant(s) (e.g., A, A-)
81248	Addition	\$280.20	G6PD (glucose-6-phosphate dehydrogenase) (e.g., hemolytic anemia, jaundice), gene analysis; known familial variant(s)
81249	Addition	\$448.02	G6PD (glucose-6-phosphate dehydrogenase) (e.g., hemolytic anemia, jaundice), gene analysis; full gene sequence
81258	Addition	\$280.20	HBA1/HBA2 (alpha globin 1 and alpha globin 2) (e.g., alpha thalassemia, Hb Bart hydrops fetalis syndrome, HbH disease), gene analysis; known familial variant
81259	Addition	\$448.02	HBA1/HBA2 (alpha globin 1 and alpha globin 2) (e.g., alpha thalassemia, Hb Bart hydrops fetalis syndrome, HbH disease), gene analysis; full gene analysis
81269	Addition	\$151.13	HBA1/HBA2 (alpha globin 1 and alpha globin 2) (e.g., alpha thalassemia, Hb Bart hydrops fetalis syndrome, HbH disease), gene analysis; duplication/deletion variants
81283	Addition	\$56.33	IFNL3 (interferon, lambda 3) (e.g., drug response), gene analysis, rs 12979860 variant
81328	Addition	\$130.53	SLCO1B1 (solute carrier organic anion transporter family, member 1B1) (e.g., adverse drug reaction), gene analysis, common variants(s) (e.g., *5)
81334	Addition	\$246.04	RUNX1 (runt related transcription factor 1) (e.g., acute myeloid leukemia, familial platelet disorder with associated myeloid malignancy), gene analysis, targeted sequence analysis (e.g., exons 3-8)
81335	Addition	\$130.53	TPMT (thiopurine S-methyltransferase) (e.g., drug metabolism), gene analysis, common variants (e.g., *2, *3)
81346	Addition	\$130.53	TYMS (thymidylate synthetase) (e.g., 5-fluorouracil/5-FU drug metabolism), gene analysis, common variant(s) (e.g., tandem repeat variant)
81361	Addition	\$130.53	HBB (hemoglobin, subunit beta) (e.g., sickle cell anemia, beta thalassemia, hemoglobinopathy); common variant(s) (e.g., HbS, HbC, HbE)
81362	Addition	\$280.20	HBB (hemoglobin, subunit beta) (e.g., sickle cell anemia, beta thalassemia, hemoglobinopathy); known familial variant(s)
81363	Addition	\$151.13	HBB (hemoglobin, subunit beta) (e.g., sickle cell anemia, beta thalassemia, hemoglobinopathy); duplication/deletion variant(s)
81364	Addition	\$242.36	HBB (hemoglobin, subunit beta) (e.g., sickle cell anemia, beta thalassemia, hemoglobinopathy); full gene sequence
81448	Addition	\$539.19	
81520	Addition	\$2314.04	Oncology (breast), mRNA gene expression profiling by hybrid capture of 58

			genes (50 content and 8 housekeeping), utilizing formalin-fixed paraffin-embedded tissue, algorithm reported as a recurrence risk score
81521	Addition	\$2891.97	Oncology (breast), mRNA microarray gene expression profiling of 70 content genes and 465 housekeeping genes, utilizing fresh frozen or formalin-fixed paraffin-embedded tissue, algorithm reported as index related to risk or distant metastasis
81541	Addition	\$2891.97	Oncology (prostate), mRNA gene expression profiling by real-time RT-PCR of 46 genes (31 content and 15 housekeeping), utilizing formalin-fixed paraffin-embedded tissue, algorithm reported as a disease specific mortality risk score
81551	Addition	\$2314.04	Oncology (prostate), promoter methylation profiling by real-time PCR of 3 genes (GSTP1, APC, RASSF1), utilizing formalin-fixed paraffin-embedded tissue, algorithm reported as a likelihood of prostate cancer detection on repeat biopsy
83499	Discontinued		
84061	Discontinued		
86008	Addition	\$16.53	Allergen specific IgE; quantitative or semi quantitative, recombinant or purified component, each
86185	Discontinued		
86243	Discontinued		
86378	Discontinued		
86729	Discontinued		
86794	Addition	\$15.53	Zika virus, IgM
86822	Discontinued		
87277	Discontinued		
87470	Discontinued		
87477	Discontinued		
87515	Discontinued		
87634	Addition	\$64.71	Respiratory syncytial virus, amplified probe technique
87662	Addition	\$47.30	Zika Virus, amplified probe technique
88154	Discontinued		