Advisory Panel on Clinical Diagnostic Laboratory Tests
Centers for Medicare & Medicaid Services (CMS)
Webinar Broadcasting from CMS Central Office Auditorium (Baltimore, Maryland)
Voting Results and Recommendations

September 25, 2017*

* The maximum number of voting panel members was nine. For those votes for which the sum does not equal nine, we've indicated that one or more panel members did not vote on that code.

Item #	CPT/HCPCS code	CPT/HCPCS Code Descriptor	Panel Recommendation
1.	80410	Calcitonin stimulation panel (eg, calcium, pentagastrin) This panel must include the following: Calcitonin (82308 x 3)	8: 82308 x 3 1: Gapfill
2.	80418	Combined rapid anterior pituitary evaluation panel This panel must include the following: Adrenocorticotropic hormone (ACTH) (82024 x 4) Luteinizing hormone (LH) (83002 x 4) Follicle stimulating hormone (FSH) (83001 x 4) Prolactin (84146 x 4) Human growth hormone (HGH) (83003 x 4) Cortisol (82533 x 4) Thyroid stimulating hormone (TSH) (84443 x 4)	7: (82024 x 4) + (83002 x 4)+ (83001 x 4) + (84146 x 4) + (83003 x 4) + (82533 x 4) + (84443 x 4) 1: Gapfill 1: Need Additional Information
3.	80435	Insulin tolerance panel; for growth hormone deficiency This panel must include the following: Glucose (82947 x 5) Human growth hormone (HGH) (83003 x 5)	7: (82947 x 5) + (83003 x 5) 1: Gapfill 1: Need Additional Information
4.	81316	PML/RARalpha, (t(15;17)), (promyelocytic leukemia/retinoic acid receptor alpha) (eg, promyelocytic leukemia) translocation analysis; single breakpoint (eg, intron 3, intron 6 or exon 6), qualitative or quantitative	4: 81315 x 1.5 2: 81206 2: 81315 1: Gapfill
5.	81326*	PMP22 (peripheral myelin protein 22) (eg, Charcot-Marie-Tooth, hereditary neuropathy with liability to pressure palsies) gene analysis; known familial variant	5:81215 2: 81322 1: Gapfill
6.	81425*	Genome sequence analysis (unexplained heritable disorder)	1: 81445 x 20 7: Gapfill
7.	81426*	Genome (eg, unexplained constitutional or heritable disorder or syndrome); sequence analysis, each comparator genome (eg, parents, siblings) (List separately in addition to code for primary procedure)	8: Gapfill
8.	81427*	Genome (eg, unexplained constitutional or heritable disorder or syndrome); re-evaluation of previously obtained genome sequence (eg, updated knowledge or unrelated condition/syndrome)	2: 87903 6: Gapfill
9.	81434	Hereditary retinal disorders (eg, retinitis pigmentosa, Leber congenital amaurosis, cone-rod dystrophy), genomic sequence analysis panel, must include sequencing of at least 15 genes, including ABCA4, CNGA1, CRB1, EYS, PDE6A, PDE6B, PRPF31, PRPH2, RDH12, RHO, RP1, RP2, RPE65, RPGR, and USH2A	5: 81432 3: 81445 1: Gapfill
10.	81470	X-linked intellectual disability (XLID) (eg, syndromic and non-syndromic XLID); genomic sequence analysis panel, must include sequencing of at least 60 genes, including ARX, ATRX, CDKL5, FGD1, FMR1, HUWE1, IL1RAPL, KDM5C, L1CAM, MECP2, MED12, MID1, OCRL, RPS6KA3, and SLC16A2	6: 81432 x 2 1: 81432 1: 81445 1: Gapfill

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11.	81471	X-linked intellectual disability (XLID) (eg, syndromic and non-syndromic XLID); duplication/deletion gene analysis, must include analysis of at least 60 genes, including ARX, ATRX, CDKL5, FGD1, FMR1, HUWE1, IL1RAPL, KDM5C, L1CAM, MECP2, MED12, MID1, OCRL, RPS6KA3, and SLC16A2	5:81436 x 2 2: 81433 1: 81445 1: Gapfill
12.	81506	Endocrinology (type 2 diabetes), biochemical assays of seven analytes (glucose, HbA1c, insulin, hs-CRP, adiponectin, ferritin, interleukin 2-receptor alpha), utilizing serum or plasma, algorithm reporting a risk score	7: 82728 (ferritin) + 82947 (glucose) + 83036 (Hgb A1c) + 83525 (insulin) + 86141 (hs-CRP) + 83520 x 2 (IL 2 receptor alpha and adiponectin) 2: Gapfill
13.	82286	Assay of bradykinin	8: 83520 1: Gapfill
14.	82387	Assay of cathepsin-d	7: 82373 1: 83520 1: Gapfill
15.	82759	Assay of RBC galactokinase	7: 82963 2: 82775
16.	82979	Glutathione reductase, RBC	9: 84220
17.	83662	Fetal lung maturity assessment; foam stability test	9: 83663
18.	83857	Assay of methemalbumin	8: 84165 1: Gapfill
19.	83987	pH; exhaled breath condensate	7: 83986 1: 82075 1: Gapfill
20.	84085	Phosphogluconate, 6-dehydrogenase, RBC	7: 84220 1: 82977 1: Gapfill
21.	84485	Trypsin; duodenal fluid	8: 82977 1: 84485

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22.	84577	Urobilinogen, feces, quantitative	8: 82710 1: Gapfill
23.	84580	Urobilinogen, urine; quantitative, timed specimen	9: 82615
24.	85170	Blood clot retraction	8: 85175 x 0.80 1: Gapfill
25.	85337	Thrombomodulin	6: 83520 1: 85300 2: Gapfill
26.	85400	Fibrinolytic factors and inhibitors; plasmin	9: 85410
27.	85530	Heparin-protamine tolerance test	7: 85520 2: Gapfill
28.	86327	Immunoelectrophoresis; crossed (2-dimensional assay)	8: 86320 1: Gapfill
29.	86729	Antibody; lymphogranuloma venereum	7: 86631 2: 86632
30.	86821	HLA typing; lymphocyte culture, mixed (MLC)	8: 86822 1: Gapfill
31.	86829	Antibody to human leukocyte antigens (HLA), solid phase assays (eg, 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	The Panel did not fully discuss or vote on this code. We seek public comments on other suggested crosswalks or gapfilling for this code.
32.	87152	Culture, typing; identification by pulse field gel typing	9: 87158
33.	87267	Infectious agent antigen detection by immunofluorescent technique; Enterovirus, direct fluorescent antibody (DFA)	9: 87271
34.	87475	Infectious agent detection by nucleic acid (DNA or RNA); Borrelia burgdorferi, direct probe technique	9: 87480

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35.	87485	Infectious agent detection by nucleic acid (DNA or RNA); Chlamydia pneumoniae, direct probe technique	9: 87480
36.	87495	Infectious agent detection by nucleic acid (DNA or RNA); Cytomegalovirus, direct probe technique	5: 87797 3: 87480 1: 87795
37.	87528	Infectious agent detection by nucleic acid (DNA or RNA); Herpes simplex virus, direct probe technique	9: 87480
38.	87537	Infectious agent detection by nucleic acid (DNA or RNA); HIV-2, direct probe technique	6: 87534 3: 87480
39.	87557	Infectious agent detection by nucleic acid (DNA or RNA); Mycobacteria tuberculosis, quantification	7: 87592 1: 87582 1: Gapfill
40.	87562	Infectious agent detection by nucleic acid (DNA or RNA); Mycobacteria avium-intracellulare, quantification	8: 87592 1: Gapfill
41.	88130	Sex chromatin identification; Barr bodies	7: 87209 2: 88148
42.	88166	Cytopathology, slides, cervical or vaginal (the Bethesda system); with manual screening and computer-assisted rescreening under physician supervision	5: 88164 2: 88165 2: Gapfill
43.	88167	Cytopathology, slides, cervical or vaginal (the Bethesda system); with manual screening and computer-assisted rescreening using cell selection and review under physician supervision	5: 88162 1: 88164 3: Gapfill
44.	88245	Chromosome analysis for breakage syndromes; baseline Sister Chromatid Exchange (SCE), 20-25 cell	6: 88248 2: 88264 1: Gapfill
45.	88741	Hemoglobin, quantitative, transcutaneous, per day; methemoglobin	9: 88740
46.	89329	Sperm evaluation; hamster penetration test	9: 89331
47.	0002M	Liver disease, ten biochemical assays (ALT, A2-macroglobulin, apolipoprotein A-1, total bilirubin, GGT, haptoglobin, AST, glucose, total cholesterol and triglycerides) utilizing serum, prognostic algorithm reported as quantitative scores for fibrosis, steatosis and alcoholic steatohepatitis (ASH)	6: 82172 + 82247 + 82465 + 82947 + 82977 + 83010 + 83883 + 84450+ 84460 + 84478 3: Gapfill

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48.	0004M	Scoliosis DNA analysis of 53 single nucleotide polymorphisms (SNPs), using saliva, prognostic algorithm reported as a risk score	1: 81258 1: 81479 7: Gapfill
49.	0006M	Oncology (hepatic), mRNA expression levels of 161 genes, utilizing fresh hepatocellular carcinoma tumor tissue, with alpha-fetoprotein level, algorithm reported as a risk classifier	1: 0008M 8: Gapfill
50.	0007M	Oncology (gastrointestinal neuroendocrine tumors), real-time PCR expression analysis of 51 genes, utilizing whole peripheral blood, algorithm reported as a nomogram of tumor disease index	1: 0008M 8: Gapfill
51.	0009M	Fetal aneuploidy (trisomy 21, and 18) DNA sequence analysis of selected regions using maternal plasma, algorithm reported as a risk score for each trisomy	9: Gapfill
52.	P2028	Cephalin floculation, blood	4: 82120 5: 82040
53.	P2029	Congo red, blood	5: 82120 4: 82040
54.	P2031	Hair analysis (excluding arsenic)	5: 82120 4: 82040
55.	P2033	Thymol turbidity, blood	5: 82120 4: 82040
56.	P2038	Mucoprotein, blood (seromucoid) (medical necessity procedure)	5: 82120 4: 82040
57.	Q0113	Pinworm examinations	7: 87172 1: 82172 1: 82120
58.	G0147	Screening cytopathology smears, cervical or vaginal, performed by automated system under physician supervision	9: 88147