

Technical Update • June 2013

Cleveland Clinic Laboratories is dedicated to keeping you updated and informed about recent testing changes. That's why we are happy to provide this technical update on a monthly basis.

Recently changed tests are **bolded**, and could include revisions to methodology, reference range, days performed or CPT code. For your convenience, tests are listed alphabetically and the order and billing codes are provided.

If you wish to compare the new information with previous test demographics, refer to the Test Directory, which can be accessed at clevelandcliniclabs.com.

Deleted tests and new tests are listed separately. Please update your database as necessary. For additional detail, contact Client Services at 216.444.5755 or 800.628.6816 or via email at clientservices@ccf.org.

Test Update Page #	Summary of Changes by Test Name	Order Code	Billing Code	Name Change	New Test	Test Discontinued	Special Information	Specimen Requirement	Component Change	Methodology	Reference Range	Days Performed/Reported	CPT
9	ADAMTS13 Activity (ADM13A)												
12	ADAMTS13 Activity Test (ADMACT)												
10	ADAMTS13 Inhibitor (ADM13I)												
12	ADAMTS13 Inhibitor (ADMHIB)												
3	Admark ApoE Genotype (Symptomatic)												
3	AFP- Amniotic Fluid with reflex												
12	ALT-1 Antigen (Alternaria)												
4	Anaplasma phagocytophilum & E. chaffeensis Antibody Panel												
4	Autoimmune Polyglandular Syndrome Evaluation												
4	Barth Syndrome, Carrier												
4	Brucella Antibody (Total) by Agglutination												
4	Cadasil DNA Test												
4	Carbamazepine, Total and Free												
4	Cathartic Laxative, Stool												
4	Complete HNPP Evaluation												
4	Diphenhydramine, Urine												
4	DM1 DNA Test												
4	DM2 DNA Test												
10	DNase-B Antibody												
4	Dystonia DNA Test												
4	Early Onset Obesity Evaluation												
10	Epidermal Antibodies with reflex to titer												
4	Endocrine Hypertension (HSD11B2) Evaluation												

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4	Exposure Profile/Source - Patient											
5	Familial Hypocalciuric Hypercalcemia Evaluation											
5	Flunitrazepam Screen, Urine											
5	Friedreich's Ataxia DNA Test											
5	FSHD DNA Test											
5	FTA-ABS Antibody, IgM											
10	GBM Antibody, IgG, Multiplex Bead Assay & IFA											
12	Glomerular Basement Membrane Antibodies											
12	Glomerular Basement Membrane Antibody Panel											
12	Glomerular Basement Membrane IgA, Antibody											
5	GLUD1 (CH) DNA Sequencing Test											
11	HDL, 5 Subclasses GGE											
5	HemoQuant, Fecal											
5	Hepatitis A Antibody, IgM											
5	Hepatitis Acute Panel											
5	Hepatitis Acute Panel/RNA											
5	Hepatitis B Core Antibody, IgM											
5	Hepatitis B Core Antibody, Total											
5	Hepatitis B Surface Antibody, Immunity											
5	Hepatitis B Surface Antibody, Qualitative											
5	Hepatitis B Surface Antibody, Quantitative											
6	Hepatitis B Surface Antigen											
6	Hepatitis B Surface Antigen Confirmation											
6	Hepatitis B Viral DNA, Ultra Quantitative											
6	Hepatitis C Antibody, IA											
6	Hepatitis C antibody, IA with Confirmation											
6	Hepatitis Remote Panel											
11	HIV 1 Quantitative bDNA											
11	Humoral Immune II											
6	Humoral Immune Panel											
6	Hypercholesterolemia (LDLR) Evaluation											
6	IgVH Mutation Analysis											
6	Immune Function Assay ATP											
6	IPF1 (MODY4) DNA Sequencing Test											
6	IPF1 (NDM) DNA Sequencing Test											
6	Itraconazole											
6	KCNJ11 (CH) DNA Sequencing Test											
7	KCNJ11 (NDM) DNA Sequencing Test											
7	LHON mtDNA Mutation											
7	Lindane											
7	MELAS mtDNA Profile											
7	MFN2 DNA Sequencing Test											
7	Monogenic Diabetes (MODY) Evaluation											

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7	MTHFR by PCR										
7	Myasthenia Gravis Evaluation, Adult										
7	N-methyl-D-Aspartate Receptor Antibody, IgG										
7	Neurofibromatosis Type 2 DNA										
7	Organophosphate Pesticides										
12	Pemphigus Antibody										
8	Phenelzine										
8	Phenylpropanolamine										
8	PMP22 Duplication/Deletion DNA										
8	Pneumococcal IgG Antibodies										
8	Pneumocystis jirovecii PCR										
8	Recomb MaTa Autoantibody Test										
12	Reticulin Antibody, IgA with Reflex to Titer										
8	Reverse T3										
8	Rufinamide										
8	SCA17 DNA Test										
8	Selenium, Blood										
9	Sequential Screen, First Trimester										
9	Sequential Screen, Second Trimester										
9	Steroid Panel I										
9	Strychnine										
9	Sulfonylurea Hypoglycemics, Serum										
9	Toluene, Blood										
9	Tramadol, Screen										
9	Tranylcypromine										
9	Widal Panel										

Test Changes

Test Name	Order Code	Billing Code	Change	Effective Date
Admark ApoE Genotype (Symptomatic)	APOALZ	82397	Specimen Requirement: 10 mL whole blood in an EDTA lavender top tube; Collect Monday - Thursday only; Send specimen to Cleveland Clinic Laboratories on the day of collection; Ambient	7/1/2013
AFP- Amniotic Fluid with reflex	FAFPAM	79836	Test Name: Previously AFP - Amniotic Fluid Special Information: Label tube 'Amniotic fluid for AFP'. If Alpha Fetoprotein is elevated, then Acetylcholinesterase and Fetal Hemoglobin will be added at an additional cost. Add 3 - 11 days to the turn around time. Specimen Requirement: 2.5 mL amniotic fluid in a clean container; Include gestational age at time of collection or estimated due date; Ambient Days Performed: Sunday - Saturday Reported: 4 - 5 days	6/13/2013

Test Changes (cont.)

Test Name	Order Code	Billing Code	Change	Effective Date
Anaplasma phagocytophilum & E. chaffeensis Antibody Panel	EHRLIC	82967	Test Name: Previously Ehrlichiosis (HME & HGE) IgG & IgM Antibodies Evaluation Specimen Requirement: 1 mL serum from a serum separator tube; Ambient Reference Range: E. chaffeensis IgG: < 1:64 E. chaffeensis IgM: < 1:20 A. phagocytophilum IgG: < 1:64 A. phagocytophilum IgM: < 1:20 Days Performed: Sunday - Saturday Reported: 2 - 5 days	6/4/2013
Autoimmune Polyglandular Syndrome Evaluation	AIRE	83293	Days Performed: Friday Reported: 29 - 30 days	7/2/2013
Barth Syndrome, Carrier	BARCAR	82536	CPT: 81479	7/1/2013
Brucella Antibody (Total) by Agglutination	BRUAGG	89549	Billing Code: Previously listed as 89459	5/2/2013
Cadasil DNA Test	CADASL	82122	Specimen Requirement: 10 mL whole blood in an EDTA lavender top tube; Collect Monday - Wednesday only; Send to Cleveland Clinic Laboratories on the day of collection; Ambient	7/1/2013
Carbamazepine, Total and Free	CARBFT	89548	The billing code for this test was incorrectly listed as 34026 in the April Technical Update. We apologize for any inconvenience or extra work this may have caused.	5/2/2013
Cathartic Laxative, Stool	STCATH	83334	Methodology: Inductively Coupled Plasma - Optical Emission Spectrometry (ICP-OES)	5/20/2013
Complete HNPP Evaluation	HNPP	82120	Specimen Requirement: 20 mL whole blood in an EDTA lavender top tube; Collect Monday - Thursday only; Send to Cleveland Clinic Laboratories on the day of collection; Ambient	7/1/2013
Diphenhydramine, Urine	UDIPHN	87818	Specimen Requirement: 1 mL random urine in a clean container; Refrigerated	7/1/2013
DM1 DNA Test	DM1DNA	82403	Specimen Requirement: 10 mL whole blood in an EDTA lavender top tube; Collect Monday - Wednesday only; Order this test only if a family member has been confirmed by prior testing; Send specimen to Cleveland Clinic Laboratories on the same day as collection; Ambient Reference Range: Normal: 5 - 34 CTG trinucleotide repeats Days Performed: Monday, Thursday Reported: 15 - 23 days	7/2/2013
DM2 DNA Test	DM2DNA	82402	Specimen Requirement: 10 mL whole blood in an EDTA lavender top tube; Collect Monday - Wednesday only; Order this test only if a family member has been confirmed by prior testing; Send specimen to Cleveland Clinic Laboratories on the same day as collection; Ambient Days Performed: Wednesday Reported: 22 - 30 days	7/2/2013
Dystonia DNA Test	DYSTON	83018	Specimen Requirement: 10 mL whole blood in an EDTA lavender top tube; Collect Monday - Wednesday only; Send specimen to Cleveland Clinic Laboratories on the same day as collection; Ambient	7/2/2013
Early Onset Obesity Evaluation	OBESTY	83295	Days Performed: Tuesday Reported: 29 - 30 days	7/2/2013
Endocrine Hypertension (HSD11B2) Evaluation	HSD1B2	83329	Days Performed: Tuesday Reported: 29 - 30 days	7/2/2013
Exposure Profile/Source - Patient	HEXP	82618	Methodology: Chemiluminescent Microparticle Immunoassay (CMIA) Enzyme Immunoassay (EIA) Reference Range: Hepatitis C Antibody: Negative Hepatitis B Surface Antigen: Negative HIV 1&2 Antibody: Negative Days Performed: Sunday - Saturday Reported: 24 hours	5/30/2013

Test Changes (cont.)

Test Name	Order Code	Billing Code	Change	Effective Date
Familial Hypocalciuric Hypercalcemia Evaluation	FHHE	83294	Specimen Requirement: 10 mL whole blood in an ACD A or B yellow top tube; Collect Monday - Wednesday only; Specimen must be sent to Cleveland Clinic Laboratories on the day of collection; Ambient Days Performed: Monday - Friday Reported: 29 - 30 days	7/2/2013
Flunitrazepam Screen, Urine	FLUNU	82104	CPT: 80100	6/13/2013
Friedreich's Ataxia DNA Test	FRIED	82524	Specimen Requirement: 20 mL whole blood in EDTA lavender top tubes; Collect Monday - Wednesday only; Send to Cleveland Clinic Laboratories on the day of collection; Ambient	7/1/2013
FSHD DNA Test	FSHDNA	82117	Specimen Requirement: 20 mL whole blood in EDTA lavender top tubes; Collect Monday - Wednesday only; Send to Cleveland Clinic Laboratories on the day of collection; Ambient	7/1/2013
FTA-ABS Antibody, IgM	FTAIGM	80161	Special Information: the CDC recommends initial syphilis screening using a non-treponemal test, such as RPR, prior to confirmation with a treponemal method such as this ELISA test. Specimen Requirement: 1 mL serum from a serum separator tube; Separate serum from cells ASAP or within 2 hours of collection; Refrigerated Methodology: Enzyme-Linked Immunosorbent Assay (ELISA) Reference Range: Negative: ≤ 0.8 IV Equivocal: 0.9 - 1.1 IV Positive: ≥ 1.2 IV Days Performed: Wednesday Reported: 1 - 8 days	6/4/2013
GLUD1 (CH) DNA Sequencing Test	GLUD1	83324	Specimen Requirement: 10 mL whole blood in an ACD A or B yellow top tube; Collect Monday - Wednesday only; Specimen must be sent to Cleveland Clinic Laboratories on the day of collection; Ambient Days Performed: Monday - Friday Reported: 8 - 9 days	7/2/2013
HemoQuant, Fecal	HEMOQN	89482	Components: Fecal Hemoglobin For interfaced clients only, test build will need to be modified	6/27/2013
Hepatitis A Antibody, IgM	AHAVM	86281	Methodology: Chemiluminescent Microparticle Immunoassay (CMIA)	5/30/2013
Hepatitis Acute Panel	HACUTP	75432	Methodology: Chemiluminescent Microparticle Immunoassay (CMIA)	5/30/2013
Hepatitis Acute Panel/RNA	HACRNA	82617	Methodology: Chemiluminescent Microparticle Immunoassay (CMIA) Enzyme Immunoassay (EIA) Days Performed: Sunday - Saturday Reported: 24 hours	5/30/2013
Hepatitis B Core Antibody, IgM	AHBCM	75714	Methodology: Chemiluminescent Microparticle Immunoassay (CMIA)	5/30/2013
Hepatitis B Core Antibody, Total	AHBCOT	86284	Methodology: Chemiluminescent Microparticle Immunoassay (CMIA)	5/30/2013
Hepatitis B Surface Antibody, Immunity	AHBSI	82790	Methodology: Chemiluminescent Microparticle Immunoassay (CMIA) Reference Range: Negative: < 8.00 mIU/mL Equivocal: 8.00 - 12.00 mIU/mL Positive: > 12.00 mIU/mL	5/30/2013
Hepatitis B Surface Antibody, Qualitative	AHBSAG	86296	Methodology: Chemiluminescent Microparticle Immunoassay (CMIA)	5/30/2013
Hepatitis B Surface Antibody, Quantitative	AHBSQ	86298	Methodology: Chemiluminescent Microparticle Immunoassay (CMIA) Reference Range: Negative: < 8.00 mIU/mL Equivocal: 8.00 - 12.00 mIU/mL Positive: > 12.00 mIU/mL	5/30/2013

Test Changes (cont.)

Test Name	Order Code	Billing Code	Change	Effective Date
Hepatitis B Surface Antigen	HBSAG	86171	Methodology: Chemiluminescent Microparticle Immunoassay (CMIA)	5/30/2013
Hepatitis B Surface Antigen Confirmation	HBSAGC	86285	Methodology: Chemiluminescent Microparticle Immunoassay (CMIA)	5/30/2013
Hepatitis B Viral DNA, Ultra Quantitative	HBVDNU	81297	<p>Special Information: The quantitative range of this assay is 20 IU/mL to 170,000,000 IU/mL. The test may cross react with HPV 18. Elevated levels of hemoglobin at concentrations of 500 mg/dL may interfere with the quantitation. Linearity and precision have been established with HBV genotype A only. All other validation study performance characteristics were tested with all known HBV genotypes. Rare mutations in the highly conserved region of the viral genome may cause under-quantitation or failure to detect the virus.</p> <p>Specimen Requirement: 2 mL serum from a serum separator tube; Serum must be separated from whole blood within 24 hours of collection; Refrigerated</p> <p>Reference Range: Negative for HBV DNA: < 20 IU/mL</p>	6/27/2013
Hepatitis C Antibody, IA	AHCV	70055	Methodology: Chemiluminescent Microparticle Immunoassay (CMIA)	5/30/2013
Hepatitis C antibody, IA with Confirmation	AHCV1B	80980	Methodology: Chemiluminescent Microparticle Immunoassay (CMIA)	5/30/2013
Hepatitis Remote Panel	HREMOP	70010	Methodology: Chemiluminescent Microparticle Immunoassay (CMIA)	5/30/2013
Humoral Immune Panel	HUMORL	76976	<p>Includes:</p> <ul style="list-style-type: none"> Diphtheria IgG Antibodies Tetanus IgG Antibodies IgM Serum IgA Serum IgE Serum IgG Total IgG Subclass 1, 2, 3, 4 S pneumoniae Type 1 Antibodies S pneumoniae Type 3 Antibodies S pneumoniae Type 4 Antibodies S pneumoniae Type 6B Antibodies S pneumoniae Type 7F Antibodies S pneumoniae Type 8 Antibodies S pneumoniae Type 9N Antibodies S pneumoniae Type 9V Antibodies S pneumoniae Type 12F Antibodies S pneumoniae Type 14 Antibodies S pneumoniae Type 18C Antibodies S pneumoniae Type 19A Antibodies S pneumoniae Type 19F Antibodies S pneumoniae Type 23F Antibodies <p>Methodology:</p> <ul style="list-style-type: none"> Multiplex Bead Assay Nephelometry (NEPH) Fluorescence Immunoassay by ImmunoCAP Multi-Analyte Fluorescence Detection (MAFD) 	5/22/2013
Hypercholesterolemia (LDLR) Evaluation	LDLR	83322	<p>Days Performed: Tuesday</p> <p>Reported: 29 - 30 days</p>	7/2/2013
IgVH Mutation Analysis	IGVH	88056	Methodology: Polymerase Chain Reaction, Sequencing	7/1/2013
Immune Function Assay ATP	IMMFUN	82662	Specimen Requirement: 3 mL whole blood in a sodium heparin green top tube; Specimen must be received at Cleveland Clinic Laboratories on the same day as collection before 12:00 noon EST Monday - Friday ; Ambient	4/29/2013
IPF1 (MODY4) DNA Sequencing Test	MODY4	83310	<p>Days Performed: Monday</p> <p>Reported: 29 - 30 days</p>	7/2/2013
IPF1 (NDM) DNA Sequencing Test	IPFNDM	83325	<p>Days Performed: Monday - Friday</p> <p>Reported: 29 - 30 days</p>	7/2/2013
Itraconazole	ITRAC	81269	Methodology: Liquid Chromatography - Tandem Mass Spectrometry (LC-MS/MS)	6/24/2013
KCNJ11 (CH) DNA Sequencing Test	KCNJCH	83357	<p>Days Performed: Sunday - Saturday</p> <p>Reported: 8 - 9 days</p>	7/2/2013

Test Changes (cont.)

Test Name	Order Code	Billing Code	Change	Effective Date
KCNJ11 (NDM) DNA Sequencing Test	KCNJ	83327	Days Performed: Monday - Friday Reported: 29 - 30 days	7/2/2013
LHON mtDNA Mutation	LHON	81739	Includes: ND1 3460 allele 1; ND4 11778 allele 1; ND6 14484 allele 1 Specimen Requirement: 10 mL whole blood in an EDTA lavender top tube; Collect Monday - Thursday only; Send to Cleveland Clinic Laboratories on the day of collection; Ambient Reference Range: ND1 3460 allele 1: No sequence variation detected ND4 11778 allele 1: No sequence variation detected ND6 14484 allele 1: No sequence variation detected	7/2/2013
Lindane	LIND	81731	Days Performed: Monday, Wednesday Reported: 3 - 7 days	7/1/2013
MELAS mtDNA Profile	MELAS	82401	Specimen Requirement: 10 mL whole blood in an EDTA lavender top tube; Collect Monday - Wednesday only; Send specimen to Cleveland Clinic Laboratories on the same day as collection; Ambient Days Performed: Varies Reported: 15 - 22 days	7/2/2013
MFN2 DNA Sequencing Test	MFN2	83400	Specimen Requirement: 10 mL whole blood in an EDTA lavender top tube; Send to Cleveland Clinic Laboratories on the day of collection; Ambient Methodology: Next Generation Sequencing	7/2/2013
Monogenic Diabetes (MODY) Evaluation	MODY	83309	Includes: MODY1 (HNF4A) DNA Sequencing and Deletion MODY2 (GCK) DNA Sequencing and Deletion MODY3 (TCF1) DNA Sequencing and Deletion MODY4 (IPF1) DNA Sequencing MODY5 (TCF2) DNA Sequencing and Deletion This assay no longer includes a negative reflex to CEL DNA Mutation Analysis. Specimen Requirement: 10 mL whole blood in an ACD A or B yellow top tube; Collect Monday - Wednesday only; Specimen must be sent to Cleveland Clinic Laboratories on the day of collection; Ambient Days Performed: Monday - Friday Reported: 29 - 30 days	7/2/2013
MTHFR by PCR	MTHFR	81692	Methodology: Direct Mutation Analysis Reference Range: Negative Days Performed: Tuesday Reported: 4 - 6 days	5/22/2013
Myasthenia Gravis Evaluation, Adult	MYGRAV	82922	Specimen Requirement: 3 mL serum from a serum separator tube; To ensure adequate specimen volume, collect 2 serum separator tubes; Patient should have had no general anesthesia or muscle relaxant drugs in the previous 24 hours; Refrigerated Days Performed: Sunday - Saturday Reported: 4 - 8 days	7/11/2013
N-methyl-D-Aspartate Receptor Antibody, IgG	NMDAG	88501	Reference Range: < 1:10 Days Performed: Tuesday Reported: 2 - 10 days	6/13/2013
Neurofibromatosis Type 2 DNA	NEUFIB	82303	Specimen Requirement: 10 mL whole blood in an EDTA lavender top tube; Collect Monday - Wednesday only; Send to Cleveland Clinic Laboratories on the day of collection; Ambient Methodology: DNA Sequencing Days Performed: Varies Reported: 22 - 30 days	7/2/2013
Organophosphate Pesticides	ORGANO	80430	Days Performed: Friday Reported: 3 - 10 days	7/1/2013

Test Changes (cont.)

Test Name	Order Code	Billing Code	Change	Effective Date
Phenelzine	PHENEL	79236	Specimen Requirement: 5 mL serum from a red top tube; Protect from light; Do not use a serum separator tube; Centrifuge, aliquot and freeze immediately; Transport Frozen Days Performed: Thursday Reported: 4 - 11 days CPT: 82491	7/1/2013
Phenylpropanolamine	PHENYL	80434	CPT: 83789	7/1/2013
PMP22 Duplication/ Deletion DNA	PMPDEL	82200	Specimen Requirement: 10 mL whole blood in an EDTA lavender top tube; Collect Monday - Wednesday only; Send to Cleveland Clinic Laboratories on the day of collection; Ambient	7/2/2013
Pneumococcal IgG Antibodies	PNEUMG	88283	Includes: Serotype 1, Serotype 3, Serotype 4, Serotype 6B, Serotype 7F, Serotype 8, Serotype 9N, Serotype 9V, Serotype 12F, Serotype 14, Serotype 18C, Serotype 19A, Serotype 19F, Serotype 23F Specimen Requirement: 1 mL serum from a serum separator tube; Refrigerated Methodology: Multiplex Bead Assay Days Performed: Wednesday Reported: 1 - 8 days	5/22/2013
Pneumocystis jirovecii PCR	PCPPCR	87814	Specimen Requirement: 2 mL bronchoalveolar lavage (BAL) in a sterile container; Refrigerated *OR* 2 mL induced sputum in a sterile container; Refrigerated *OR* lung tissue in a sterile container; Refrigerated. Expectorated sputum in a sterile container, or tracheal aspirates in a sterile container are acceptable, but not preferred Reference Range: Negative Days Performed: 6 days per week; Not performed on Cleveland Clinic Laboratories designated holidays Reported: 3 - 5 days	7/16/2013
Recombx MaTa Autoantibody Test	MATA	82203	CPT: 84182x1	7/1/2013
Reverse T3	T3REV	75064	Specimen Requirement: 2 mL serum from a serum separator tube; Separate serum from cells within 2 hours of collection; Frozen Methodology: Quantitative Liquid Chromatography - Tandem Mass Spectrometry (LC-MS/MS) Reference Range: ≤ 17 years: Not established ≥ 18 years: 9.0 - 27.0 ng/dL	5/20/2013
Rufinamide	RUFIN	88110	Specimen Requirement: 1 mL serum from a red top tube; Do not use serum separator tubes; Centrifuge, aliquot and refrigerate ASAP; Transport Refrigerated Days Performed: Wednesday Reported: 3 - 9 days	7/1/2013
SCA17 DNA Test	SCA17	82204	Specimen Requirement: 20 mL whole blood in EDTA lavender top tubes; Collect Monday - Wednesday only; Send to Cleveland Clinic Laboratories on the day of collection; Ambient Reference Range: Normal: ≤ 42 CAG/CAA trinucleotide repeats Borderline: 43 - 46 CAG/CAA trinucleotide repeats Disease Causing Mutation: ≥ 47 CAG/CAA trinucleotide repeats	7/2/2013
Selenium, Blood	SELEN	84255	Special Information: Serum samples are not acceptable Days Performed: Monday, Thursday Reported: 2 - 7 days	6/27/2013

Test Changes (cont.)

Test Name	Order Code	Billing Code	Change	Effective Date
Sequential Screen, First Trimester	SEQ1	83863	Special Information: For interfaced clients, the test build will need to be modified Pregnancy-associated plasma protein (PAPP-A) Human chorionic gonadotropin (hCG) Down Syndrome Screening Risk Down Syndrome Age Related Risk Trisomy 18 Screening Risk Trisomy 18 Age Related Risk	7/18/2013
Sequential Screen, Second Trimester	SEQ2	83886	Special Information: For interfaced clients, the test build will need to be modified Pregnancy-associated plasma protein (PAPP-A) Human chorionic gonadotropin (hCG) Alpha Fetoprotein (AFP) Estril, unconjugated (uE3) Dimeric Inhibin-A Down Syndrome Screening Risk Down Syndrome Age Related Risk Trisomy 18 Screening Risk Trisomy 18 Age Related Risk ONTD Screening Risk ONTD Age Related Risk	7/18/2013
Steroid Panel I	STROID	82912	CPT: 80100	7/1/2013
Strychnine	STRYCH	80555	CPT: 82491	7/1/2013
Sulfonylurea Hypoglycemics, Serum	SULFON	82893	Components: Acetohexamide (Dymelor) Chlorpropamide (Diabinese®) Glimepiride (Amaryl) Glipizide Glyburide (Micronase) Nateglinide Repaglinide (Prandin) Tolazamide (Tolinase) Tolbutamide (Orinase) Specimen Requirement: 1 mL serum from a red top tube; Do not use serum separator tubes; Centrifuge and aliquot ASAP or within 2 hours of collection; Frozen Days Performed: Varies Reported: 4 - 10 days	7/2/2013
Toluene, Blood	TOLUEN	83695	Specimen Requirement: 2 mL whole blood in a potassium oxalate/sodium fluoride grey top tube; Refrigerated	7/1/2013
Tramadol, Screen	TRAMSC	82605	CPT: 80101	7/1/2013
Tranylcypromine	PARNTE	87840	Days Performed: Tuesday, Thursday Reported: 4 - 8 days	7/1/2013
Widal Panel	SALM	75690	Methodology: Immunoblot (IB) Days Performed: Monday - Friday Reported: 2 - 6 days	6/20/2013

New Tests

Test Name	Order Code	Billing Code	Test Information	Effective Date
ADAMTS13 Activity	ADM13A	89535	Specimen Requirement: 2 mL plasma from a sodium citrate light blue top tube; Frozen Methodology: Enzyme-Linked Immunosorbent Assay (ELISA) Reference Range: ≥ 68% Days Performed: Monday - Friday Reported: 2 - 4 days CPT: 85397, 85390 Price: \$304.00	6/5/2013

New Tests (cont.)

Test Name	Order Code	Billing Code	Test Information	Effective Date
ADAMTS13 Inhibitor	ADM13I	89534	<p>Special Information: This test uses a reagent or kit labeled by the manufacturer as 'Research Use Only' and it is used per manufacturer's instructions. Its performance characteristics were determined by Cleveland Clinic Laboratories in a manner consistent with CLIA regulations. This test has not been cleared or approved by the U.S. Food and Drug Administration.</p> <p>Specimen Requirement: 2 mL plasma from a sodium citrate light blue top tube; Frozen</p> <p>Methodology: Fluorescence Immunoassay</p> <p>Reference Range: ≤ 0.4 Inhibitor Units</p> <p>Days Performed: Monday - Friday</p> <p>Reported: 2 - 4 days</p> <p>CPT: 85335, 85390</p> <p>Price: \$304.00</p>	6/5/2013
DNase-B Antibody	DASEAB	89459	<p>Specimen Requirement: 1 mL serum from a serum separator tube; Separate serum from cells ASAP or within 2 hours of collection; Refrigerated</p> <p>Methodology: Nephelometry</p> <p>Reference Range: 1 - 6 years: 0 - 70 U/mL 7 - 17 years: 0 - 170 U/mL ≥ 18 years: 0 - 120 U/mL</p> <p>Days Performed: Tuesday, Thursday, Saturday</p> <p>Reported: 2 - 5 days</p> <p>CPT: 86215</p> <p>Price: \$46.00 (non-discountable)</p>	5/22/2013
Epidermal Antibodies with reflex to titer	EPIABS	89577	<p>Includes: Intercellular Substance Antibody Intercellular Substance Antibody Titer (if indicated) Basement Membrane Zone Antibody Basement Membrane Zone Antibody Titer (if indicated)</p> <p>Special Information: If the Intercellular Substance Antibody is positive, the titer will be performed at an additional cost. If the Basement Membrane Zone Antibody is positive, the titer will be performed at an additional charge.</p> <p>Specimen Requirement: 0.5 mL serum from a serum separator tube; Refrigerated</p> <p>Methodology: Indirect Fluorescent Antibody (IFA)</p> <p>Reference Range: Intercellular Substance Antibody: Negative Basement Membrane Zone Antibody: Negative</p> <p>Days Performed: Tuesday - Friday</p> <p>Reported: 3 - 7 days</p> <p>CPT: 86255x2</p> <p>Price: \$99.00 (non-discountable)</p>	5/28/2013
GBM Antibody, IgG, Multiplex Bead Assay & IFA	GBMGP	89567	<p>Specimen Requirement: 1 mL serum from a serum separator tube; Separate serum from cells ASAP or within 2 hours of collection; Refrigerated</p> <p>Methodology: Indirect Fluorescent Antibody (IFA) Multiplex Bead Assay</p> <p>Reference Range: GBM IgG IFA: Negative GBM IgG Multiplex Bead Assay: Negative: ≤ 19 AU/mL Equivocal: 20 - 25 AU/mL Positive: ≥ 26 AU/mL</p> <p>Days Performed: Monday - Friday</p> <p>Reported: 2 - 6 days</p> <p>CPT: 83516, 86255</p> <p>Price: \$300.00</p>	7/3/2013

New Tests (cont.)

Test Name	Order Code	Billing Code	Test Information	Effective Date
HDL, 5 Subclasses GGE	HDLGGE	89561	Includes: HDL2b; HDL2a; HDL3a; HDL3b; HDL3c Specimen Requirement: 3 mL serum from a serum separator tube; Testing should only be performed on patients > 18 years of age; Fasting 12 - 14 hours is preferred but not required; Frozen Methodology: Semi-Quantitative Segmented Gradient Gel Electrophoresis (GGE) Reference Range: Refer to report Days Performed: Varies Reported: 7 - 10 days CPT: 83701 Price: \$129.00 (non-discountable)	5/22/2013
HIV 1 Quantitative bDNA	HIVBDN	89550	Special Information: This assay should not be used for blood donor screening, associated re-entry protocols, or for screening Human Cell, Tissues and Cellular Tissue-Based Products (HCT/P). Includes: HIV-1 RNA Quant bDNA, Copy HIV-1 RNA Quant bDNA, Log Specimen Requirement: 3 mL plasma from an EDTA lavender top tube; Separate plasma from cells within 4 hours of collection; Frozen Methodology: Quantitative Branched Chain DNA Reference Range: Not detected Days Performed: Tuesday, Friday Reported: 4 - 9 days CPT: 87536 Price: \$160.00 (non-discountable)	5/22/2013
Humoral Immune II	HUMORP	89574	Includes: Diphtheria IgG Antibody, Tetanus IgG Antibody S pneumoniae IgG Serotype 1 S pneumoniae IgG Serotype 3 S pneumoniae IgG Serotype 4 S pneumoniae IgG Serotype 6B S pneumoniae IgG Serotype 7F S pneumoniae IgG Serotype 8 S pneumoniae IgG Serotype 9N S pneumoniae IgG Serotype 9V S pneumoniae IgG Serotype 12F S pneumoniae IgG Serotype 14 S pneumoniae IgG Serotype 18C S pneumoniae IgG Serotype 19A S pneumoniae IgG Serotype 19F S pneumoniae IgG Serotype 23F Specimen Requirement: THIS ASSAY REQUIRES TWO SPECIMEN TUBES: 1.5 mL serum from a serum separator tube; Refrigerated *AND* 2 mL serum from a serum separator tube; Remove serum from cells ASAP or within 2 hours of collection; Include patient's age; Refrigerated Methodology: Enzyme Immunoassay (EIA), Multiplex Bead Assay Reference Range: Diphtheria IgG Antibody: > 0.1 IU/mL is usually considered protective Tetanus IgG Antibody: > 0.1 IU/mL is usually considered protective S pneumoniae IgG, All Serotypes: Not applicable Days Performed: Varies Reported: 2 - 5 days CPT: 86317x16 Price: \$416.00	5/22/2013

New Tests (cont.)

Test Name	Order Code	Billing Code	Test Information	Effective Date
Reticulin Antibody, IgA with Reflex to Titer	RTICAB	89569	<p>Special Information: All positives are titrated to endpoint. If Reticulin Antibody is 1:5, then a titer will be added at an additional charge.</p> <p>Specimen Requirement: 1 mL serum from a serum separator tube; Separate serum from cells ASAP or within 2 hours of collection; Refrigerated</p> <p>Methodology: Indirect Fluorescent Antibody (IFA)</p> <p>Reference Range: Reticulin Antibody, IgA: < 1:5, No antibody detected Reticulin Antibody, IgA Titer: < 1:5, No antibody detected</p> <p>Days Performed: Monday - Friday</p> <p>Reported: 2 - 6 days</p> <p>CPT: 86255</p> <p>Price: \$50.00 (non-discountable)</p>	5/22/2013

Discontinued Tests

Test Name	Order Code	Billing Code	Test Information	Effective Date
ADAMTS13 Activity Test	ADMACT	87773	This test will no longer be available. Suggest ordering ADAMTS13 Activity (ADM13A)	6/5/2013
ADAMTS13 Inhibitor	ADMHIB	84463	This test will no longer be available. Suggest ordering ADAMTS13 Inhibitor (ADM13I)	6/5/2013
ALT-1 Antigen (Alternaria)	ALT1AG	83717	This test will no longer be available	7/11/2013
Glomerular Basement Membrane Antibodies	GBMAG	77134	This test will no longer be available	5/16/2013
Glomerular Basement Membrane Antibody Panel	GBMGA	77138	This test will no longer be available	5/16/2013
Glomerular Basement Membrane IgA, Antibody	GBMA	77135	This test will no longer be available	5/16/2013
Pemphigus Antibody	PEMPH	40024	This test will no longer be available. Suggest ordering Epidermal Antibodies with reflex to titer (EPIABS)	5/28/2013