



LABORATORY UPDATE

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The CPT Codes provided in this document are based on AMA guidelines and are for informational purposes only. CPT coding is the sole responsibility of the billing party. Please direct any questions regarding coding to the payor being billed. Any Profile/panel component may be ordered separately. Reflex tests are performed at an additional charge.

DLO is pleased to inform you of the following new and updated laboratory testing information:

Routine Testing

Please remember when submitting urine for Urinalysis, urine must be preserved by using the DLO supplied Yellow Top urine container with preservative. If you are in need of this container please contact DLO Client Supply at 800-891-2917 option 4. The supply item number for this container is 134626.

New Tests

The following tests will be available on the dates indicated below.

Culture CF, Respiratory	
Clinical Significance:	Cystic Fibrosis (CF) is a recessive genetic disorder characterized by chronic respiratory illness and the development of persistent bacterial infection usually caused by <i>S. Aureus</i> , <i>P. Aeruginosa</i> (often mucin producing), <i>Burkholderia cepacia</i> , and other bacteria such as <i>H. Influenzae</i> , <i>M. Catarrhalis</i> , <i>S. Maltophilia</i> , <i>A. Xyloxidans</i> , and Non-Tuberculous Mycobacteria.
Effective Date:	Now Available
Test Code:	19512
CPT Code:	87205, 87070 If culture positive, identification will be performed at an additional charge (CPT code(s): 87077 or 87140 or 87143 or 87147 or 87149). Antibiotic susceptibilities are only performed when appropriate (CPT code(s): 87181 or 87184 or 87185 or 87186).
Specimen Requirements:	Expectorated sputum, bronchoalveolar lavage or tracheal aspirate specimens in a sterile leak-proof container.
Transport Temperature:	Refrigerated
Specimen Stability:	Room Temperature: 4 Hours Refrigerated: 48 Hours
Methodology:	Bacterial Culture

Culture, Sterilizer Check	
Effective Date:	Now Available
Test Code:	17835
Specimen Requirements:	One to three sterilized biological indicator devices as well as one non-sterilized other control devices. Please indicate sterilizer name or ID and type of sterilization used, such as steam, ethylene oxide, dry heat, or chemical.
Transport Temperature:	Room Temperature
Specimen Stability:	Room Temperature: 2 Weeks or until expiration date on device Refrigerated: 2 Weeks or until expiration date on device
Methodology:	Culture or Enzyme Production

Test Changes

Glucose Tolerance Test, 3 Specimens, (75g)																							
Clinical Significance:	This test is used for the routine diagnosis of diabetes in children and the non-pregnant adult.																						
Effective Date:	July 13, 2009																						
Test Code:	23475																						
Reference Range:	<p style="text-align: center;">2009 AMERICAN DIABETES ASSOCIATION DIAGNOSTIC CRITERIA FOR DIABETES MELLITUS</p> <p style="text-align: center;">GLUCOSE VALUE (MG/DL)</p> <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: left;">INTERPRETATION</th> <th style="text-align: center;">FASTING</th> <th style="text-align: center;">1 HR TOLERANCE</th> <th style="text-align: center;">2 HR TOLERANCE</th> </tr> </thead> <tbody> <tr> <td>NORMAL</td> <td style="text-align: center;"><100</td> <td style="text-align: center;">Not established</td> <td style="text-align: center;"><140</td> </tr> <tr> <td>IMPAIRED FASTING</td> <td style="text-align: center;">100-125</td> <td></td> <td></td> </tr> <tr> <td>IMPAIRED TOLERANCE</td> <td></td> <td></td> <td style="text-align: center;">140-199</td> </tr> <tr> <td>DIABETES</td> <td style="text-align: center;">>OR=126*</td> <td></td> <td style="text-align: center;">>OR=200*</td> </tr> </tbody> </table> <p style="text-align: center;">* MUST BE CONFIRMED BY TESTING ON A SUBSEQUENT DAY</p>			INTERPRETATION	FASTING	1 HR TOLERANCE	2 HR TOLERANCE	NORMAL	<100	Not established	<140	IMPAIRED FASTING	100-125			IMPAIRED TOLERANCE			140-199	DIABETES	>OR=126*		>OR=200*
INTERPRETATION	FASTING	1 HR TOLERANCE	2 HR TOLERANCE																				
NORMAL	<100	Not established	<140																				
IMPAIRED FASTING	100-125																						
IMPAIRED TOLERANCE			140-199																				
DIABETES	>OR=126*		>OR=200*																				
FDA Status:	FDA Approved/Cleared																						
Additional Information:	<p>Updated ADA table. This table appears on the following test codes:</p> <p>10559: GGT, 4 specimens</p> <p>10560: GGT, 5 specimens</p> <p>10562: GGT, 6 specimens</p> <p>10563: GGT, 7 specimens</p>																						

**QUEST DIAGNOSTICS NICHOLS INSTITUTE, (San Juan Capistrano & Chantilly),
Focus Diagnostics, Inc. and Specialty Laboratories**

Redirects

Herpes Simplex Virus IGM Antibody with Reflex to Titer	
Clinical Significance:	To distinguish a primary from a recurrent HSV infection. However, in case of extensive infection (recurrent), an IGM Response may be observed.
Effective Date:	June 8, 2009
<i>Former Test Name:</i>	<i>HSV IGM Antibody w/refl Titer</i>
Test Code:	7438
CPT Code(s):	86694
Specimen Requirements:	1 ml Serum
Transport Temperature:	Room Temperature
Specimen Stability:	Room Temperature: 4 Days Refrigerated: 7 Days Frozen: 30 Days
Reference Ranges:	Refer to individual assays
Methodology:	Enzyme Immunoassay
Assay Category:	FDA Approved/Cleared
Performing Site:	This test, previously performed at Quest Diagnostics West Hills, will now be performed at Nichols Institute San Juan Capistrano.

New Tests

The following tests will be available on the dates indicated below.

Cutaneous Direct Immunofluorescence <i>Includes: IgG, IgA, IgM, C3, C5b-9, Fibrinogen</i>	
Clinical Significance:	These studies contribute to the diagnosis of autoimmune blistering diseases, dermatitis herpetiformis, and IgA vasculitis. Important in the evaluation of other autoimmune and inflammatory skin diseases including non-IgA vasculitides and interface and lichenoid dermatitis/mucositis such as connective tissue disorders, lichen planus, etc. The panel includes the C5b-9 antibody to better distinguish between some forms of Lupus and Dermatomyositis. Its presence or absence is also critical in the evaluation of other types of connective tissue diseases and many vasculitides.
Effective Date:	July 13, 2009
Test Code:	18899
CPT Code(s):	88346 (x6)
Specimen Requirements:	Standard skin biopsy, 4 mm in size, submitted in Michel's fixative (in supplied vial)
Transport Temperature:	Room temperature
Specimen Stability:	Room temperature and Refrigerated: 21 days Frozen: Unacceptable
Reference Ranges:	See report
Methodology:	Immunoassay
Assay Category:	FDA Approved/Cleared
Performing Site:	Institute for Immunofluorescence (Ameripath)

IgG, IgA, Indirect Immunofluorescence, Serum*Includes: IgG, IgA*

Clinical Significance:	These studies are complementary diagnostic and prognostic tool for autoimmune blistering diseases, connective tissue disorders, and vasculitides. It is a semiquantitative technique whereby a double immunolabeling is performed to evaluate the presence and titer of circulating anti-epithelial cell surface, anti-basement membrane, antinuclear, and antineutrophil cytoplasmic antibodies.
Effective Date:	July 13, 2009
Test Code:	16690
CPT Code(s):	88347(x2)
Specimen Requirements:	7.5 mL in each of two tubes containing whole blood; (10 mL Tiger Top Vacutainer or Generic Serum Separator Tube).
Transport Temperature:	Refrigerated
Specimen Stability:	Room temperature: 48 hours Refrigerated: 7 days Frozen: Unacceptable
Reference Ranges:	See report
Methodology:	Immunoassay
Assay Category:	FDA Approved/Cleared
Performing Site:	Institute for Immunofluorescence (Ameripath)

***Yersinia enterocolitica* Antibodies (IgG, IgA)**

Clinical Significance:	<i>Y. enterocolitica</i> is associated with a wide spectrum of clinical manifestations, including enteritis, colitis, and reactive arthritis. Specific IgG and IgA antibodies are typically present following acute infection.
Effective Date:	July 20, 2009
Test Code:	16768
CPT Code:	86793 (x2)
Specimen Requirements:	0.5 mL serum
Transport Temperature:	Room temperature
Specimen Stability:	Room temperature: 7 days Refrigerated: 14 days Frozen: 30 days
Reference Ranges:	<0.90
Methodology:	Immunoassay
Assay Category:	ASR Class 1
Performing Site:	Focus Diagnostics, Inc.

Hepatitis B Virus DNA, Quantitative PCR with Reflex to HBV Genotype*Includes: Hepatitis B Virus DNA, Quantitative, Real-Time PCR *Hepatitis B Virus Drug Resistance, Genotype, and BCP/Precore Mutations*

Clinical Significance:	HBV viral load and resistance tests are used in the management of therapy of HBV-infected individuals. Resistance to any of the antiviral drugs is detected by an increase in the patient's viral load and detection of viral mutations that confer resistance to the drugs. Sufficient virus is needed to obtain results by the HBV drug resistance assay. Viral quantitation of HBV by real-time PCR will determine if there is sufficient virus to perform the resistance test.
Effective Date:	July 13, 2009
Test Code:	16694
CPT Code(s):	87517
Specimen Requirements:	3 mL PPT Potassium EDTA (white top) plasma PPT or SST: separate plasma or serum by centrifugation within 6 hours of collection. Then freeze the plastic PPT or SST tube at -20 degrees C or colder. Ship frozen. EDTA plasma: separate plasma within 6 hours of collection, transfer plasma to a sterile, screw-capped plastic aliquot tube. Freeze immediately at -20 degrees C. Ship frozen. Serum: collect blood in a sterile tube without anticoagulant and allow to clot completely. Separate serum from the clot within 6 hours of collection, transfer to a sterile, screw-capped plastic tube. Freeze immediately at -20 degrees C. Ship frozen. Do not submit glass tubes.
Transport Temperature:	Frozen
Specimen Stability:	Room temperature: 6 hours Refrigerated: 72 hours Frozen: 30 days
Reference Ranges:	Hepatitis B Virus DNA: <100 IU/ mL Hepatitis B Virus DNA: <160 copies/mL
Methodology:	Real-time Polymerase Chain Reaction, Polymerase Chain Reaction, Sequencing
Assay Category:	ASR Class 1
Performing Site:	Quest Diagnostics Nichols Institute
Additional Information:	If the viral load test result is 600 IU/mL or greater, then HBV Genotype will be performed at an additional charge (CPT(s) 83891; 83900; 83894; 83904 (x4); 83912).

Test Changes

The following test changes will be effective on the dates indicated below. Please note that only the fields listed in bold type are being changed; former test names and test codes have been italicized. Additional information, regarding the change, will be provided where applicable.

Arginine Vasopressin (AVP Antidiuretic Hormone)	
Clinical Significance:	Antidiuretic Hormone (also called ADH or Vasopressin) regulates water reabsorption in the kidney, reducing diuresis and increasing blood volume and pressure. The syndrome of inappropriate release of ADH has been labeled SIADH, occurring with neoplasia, pulmonary disorders (e.g., pneumonia and tuberculosis), CNS disorders, and with specific drugs.
Effective Date:	July 20, 2009
Test Code:	252
Reference Range:	1.0-13.3 pg/mL
Performing Site:	Quest Diagnostics Nichols Institute, San Juan Capistrano
Additional Information:	Remove conversion factor from reference range.

Levetiracetam	
Clinical Significance:	Levetiracetam is an anticonvulsant used as adjunct therapy to treat adult partial seizures. As multiple anticonvulsants are administered, it is important to monitor its level to (1) optimize therapy, (2) assure compliance, and (3) to avoid toxicity.
Effective Date:	July 20, 2009
<i>Former Test Code:</i>	<i>15142X</i>
Test Code:	15142
Transport Temperature:	Refrigerated
Performing Site:	Quest Diagnostics Nichols Institute, Chantilly
Additional Information:	Update transport temperature, test code and result code.

HSV 1/2 IgM and Type-Specific IgG (HerpeSelect®), ELISA	
Clinical Significance:	Clinical manifestations of HSV infections include genital tract infections, neonatal herpes, meningoencephalitis, keratoconjunctivitis, and gingivostomatitis. Most infections at non-genital sites are caused by HSV-1, whereas both HSV-1 and HSV-2 may cause genital herpes. Compared to HSV-1 genital infections, HSV-2 genital infections are associated with higher recurrence rates and asymptomatic transmission events; thus information on the HSV type causing genital infection is useful in guiding treatment and management options. Although HSV IgM is detectable in most cases of primary HSV infection, it may also be found in association with recurrences.
Effective Date:	July 27, 2009
<i>Former Test Name:</i>	<i>HSV 1/2 IgM and Type-Specific IgG (HerpeSelect), ELISA & MAID</i>
Test Code	%HSVP
Methodology:	Immunoassay
Performing Site:	Focus Diagnostics, Inc.
Additional Information:	Update test name and methodology. Please note this test is included in the following group code: 14525 – Encephalitis Antibody Panel (serum)

Discontinued Tests

Respiratory Allergy Profile Region XVI – OR, WA (Central & East)	
Effective Date:	June 1, 2009
Test Code:	10657
Performing Site:	Quest Diagnostics West Hills
Additional Information:	This test will be discontinued.

<i>Yersinia enterocolitica</i> Antibody, MAT	
Effective Date:	July 20, 2009
Test Code:	34165
Additional Information:	This test will be discontinued. The recommended alternative is 16768 - <i>Yersinia enterocolitica</i> antibodies (IgG, IgA), performed at Focus Diagnostics.

AM=6am-12pm, PM=12pm-6pm, E=6pm-12am, Next Day=12am-6am Pacific Time