

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.

Summary of Test Changes

Test Name	Test Code(s)	Test Code	Test Name	CPT Codes	Specimen Requirements	Rejection Criteria	Transport Temperature	Specimen Stability	Reference Range	Units of Measure	Methodology	Assay Category	Performing Site	Other (see listing)
Amylase, 24-Hour Urine	212				x	x		x						
Amylase, Random Urine (with Creatinine)	8464								x					
Herpes Virus-6 DNA, Qualitative Real-Time PCR	16001				x									
Herpes Virus-6 DNA, Quantitative Real-Time PCR	19723				x									
Soluble Transferrin Receptor	37338								x					
Actin (Smooth Muscle) Antibody (IgG)	15043				x		x	x	x					
Cysticercus Antibody, ELISA (CSF)	34164							x						
Lymphocytic Choriomeningitis (LCM) Virus Antibody, IFA (CSF)	30332							x						
Yeast Susceptibility, Custom MIC, 1 Drug	30787				x	x		x						

New Test Offerings

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

CEBPA Mutation Analysis	
Clinical Significance:	The CEBPA gene, a myeloid transcription factor, is mutated in a subset of acute myeloid leukemia (AML), particularly those with chromosome analyses showing normal diploid karyotype, Cytogenetically Normal (CN). CN-AML that have CEBPA mutations show favorable outcome compared to other groups of CN-AML. Testing for CEBPA mutation, along with NPM1 (16158 test code) and FLT3 mutations (test code 90574) is recommended for all patients with CN-AML.
Effective Date:	January 9, 2012
Test Code:	90812
CPT Code(s):	83891, 83898 (x4), 83904 (x4), 83909 (x4), 83912
Specimen Requirements:	5 mL EDTA (lavender-top) tube whole blood Do not freeze. FFPE is a validated specimen type, however, it is not routinely performed.
Rejection Criteria:	Gross hemolysis
Transport Temperature:	Room temperature
Specimen Stability:	Room temperature and Refrigerated: 7 days Frozen: Unacceptable
Reference Ranges:	Not Detected
Methodology:	Polymerase Chain Reaction
Performing Site:	Quest Diagnostics Nichols Institute, San Juan Capistrano

Vitamin B1 (Thiamine), LC/MS/MS	
Clinical Significance:	Vitamin B1 deficiency is most often associated with alcoholism, chronic illness and following gastric by-pass surgery. Prolonged deficiency causes beriberi. Plasma vitamin B1 is useful in evaluating nutritional assessment and compliance, while whole blood vitamin B1 is useful in evaluating body stores.
Effective Date:	February 13, 2012
Test Code:	90353
CPT Code(s):	84425
Specimen Requirements:	<p>2 mL EDTA (lavender-top) tube plasma</p> <p>Plasma: Draw blood into light protected lavender- or green-top evacuated tube. If separation of cells can't be performed immediately after collection, keep the whole blood refrigerated and protected from light. The separation of cells must be completed within 4 hours of collection. Separate cells by centrifugation at 2-8 °C for 8-10 minutes. Transfer plasma to dark brown polypropylene or polyethylene transport tubes to protect from light and freeze tube immediately. Alternately, neutral colored polypropylene or polyethylene tubes can be used, if wrapped in aluminum foil. Ship frozen tubes at -10 to -30 ° C. Samples not protected from light or shipped at room or refrigerated temperature is unacceptable.</p> <p>Overnight fasting is preferred.</p> <p>Patient is to be restricted from alcohol, coffee, tea, raw fish, liver, pork, sausage and vitamins for at least 24 hours before sample collection.</p>
Rejection Criteria:	<p>Lipemic and hemolyzed specimens;</p> <p>Specimens received room temperature or refrigerated;</p> <p>Specimens not protected from light;</p> <p>Specimens collected in gel barrier tube;</p> <p>Tubes other than lavender/green top/red-top (no gel);</p> <p>Specimens prepared from blood left at room temp 4 hrs or more;</p> <p>Serum separator tube</p>
Transport Temperature:	Frozen
Specimen Stability:	<p>Room temperature: 8 hours</p> <p>Refrigerated: 48 hours</p> <p>Frozen: 30 days</p>
Reference Ranges:	Adults: 8-30 nmol/L
Methodology:	Liquid Chromatography Tandem Mass Spectrometry
Performing Site:	Quest Diagnostics Nichols Institute, San Juan Capistrano

Test Changes

The following test changes will be effective on the dates indicated below. Please note that only the information that is changing appears in this update. *Former test codes and test names have been italicized.*

Amylase, 24-Hour Urine	
Effective Date:	February 6, 2012
Test Code:	212
Specimen Requirements:	10 mL aliquot of a well-mixed 24-hour specimen no preservative (minimum: 2 mL)
Specimen Stability:	Frozen: 30 days
Rejection Criteria:	Acidified urine

Amylase, Random Urine (with Creatinine)				
Effective Date:	February 6, 2012			
Test Code:	8464			
<i>Former Test Name:</i>	<i>Amylase, Random Urine</i>			
Specimen requirements:	10 mL random urine; no preservative (minimum: 2 mL)			
Reference Ranges:	Amylase/Creatinine Ratio	40-440 U/g Creatinine		
	Amylase, Random Urine	Reference Range Not Established		
	Creatinine, Random Urine	< or = 6 months	2-32 mg/dL	
		7-11 months	2-36 mg/dL	
		1-2 years	2-128 mg/dL	
		3-8 years	2-149 mg/dL	
		9-12 years	2-183 mg/dL	
> or = 13 years	Male: 20-370 mg/dL Female: 20-320 mg/dL			
Performing Site:	Quest Diagnostics Nichols Institute, San Juan Capistrano			

Herpes Virus-6 DNA, Qualitative Real-Time PCR	
Effective Date:	February 13, 2012
Test Code:	16001
Specimen Requirements:	Amniotic fluid is no longer an acceptable specimen type.
Other Acceptable Specimens at Focus	Bone marrow (EDTA, ACD), bronchoalveolar lavage, and tissue.
Performing Site:	Focus Diagnostics, Inc.

Herpes Virus-6 DNA, Quantitative Real-Time PCR	
Effective Date:	February 13, 2012
Test Code:	19723
Specimen Requirements:	Amniotic fluid is no longer an acceptable specimen type.
Other Acceptable Specimens at Focus	Bone marrow (EDTA, ACD) and bronchoalveolar lavage
Performing Site:	Focus Diagnostics, Inc.

Soluble Transferrin Receptor	
Effective Date:	February 13, 2012
Test Code:	37338
Reference Ranges:	Adults (Altitude <1000 feet): 1.22 – 4.81 mg/L
Performing Site:	Quest Diagnostics Nichols Institute, San Juan Capistrano

Actin (Smooth Muscle) Antibody (IgG)							
Effective Date:	February 20, 2012						
Test Code:	15043						
Specimen Requirements:	0.5 mL serum (minimum 0.25 mL)						
Transport Temperature:	Room temperature						
Specimen Stability:	Room temperature: 14 days						
Reference Ranges:	<table border="1"> <tr> <td><20</td> <td>Negative</td> <td>U</td> </tr> <tr> <td>> or = 20</td> <td>Positive</td> <td>U</td> </tr> </table>	<20	Negative	U	> or = 20	Positive	U
<20	Negative	U					
> or = 20	Positive	U					
Performing Site:	Quest Diagnostics Nichols Institute, San Juan Capistrano and Chantilly						
Additional Information:	Please note this test is included in the following group codes: <ul style="list-style-type: none"> • 37491- Lupus (SLE) Panel • 19873 - Autoimmune Hepatitis Diagnostic Panel • 19876 - Primary Biliary Cirrhosis Diagnostic Panel, Comprehensive 						

Cysticercus Antibody, ELISA (CSF)	
Effective Date:	February 20, 2012
Test Code:	34164
Specimen Stability:	Room temperature: Unacceptable
Performing Site:	Focus Diagnostics, Inc.

Lymphocytic Choriomeningitis (LCM) Virus Antibody, IFA (CSF)	
Effective Date:	February 20, 2012
Test Code:	30332
Specimen Stability:	Room temperature: Unacceptable Refrigerated: 14 days Frozen: 30 days
Performing Site:	Focus Diagnostics, Inc.

Yeast Susceptibility, Custom MIC, 1 Drug	
Effective Date:	February 20, 2012
Test Code:	30787
Specimen Requirements:	1 agar slant or plate Pure growth of isolated mature colonies of rapidly growing, non-fastidious yeast including <i>Candida</i> species, <i>Cryptococcus</i> species, and miscellaneous other rapid growing yeast.
Rejection Criteria:	Non-viable isolates, yeast mixed with filamentous fungi, mixed yeast or yeast mixed with bacteria, mold or filamentous fungi with no yeast, raw samples, mold or filamentous bacteria.
Specimen Stability:	Room temperature: Determined by viability Refrigerated: Determined by viability Frozen: Unacceptable
Performing Site:	Focus Diagnostics, Inc.
Additional Information:	These changes also apply to the following tests: <ul style="list-style-type: none"> • 30788 - Yeast Susceptibility, Custom MIC, 2 Drug • 30789 - Yeast Susceptibility, Custom MIC, 3 Drug • 30790 - Yeast Susceptibility, Custom MIC, 4 Drug • 30791 - Yeast Susceptibility, Custom MIC, 5 Drug

Redirects

Effective February 6, 2012 the following tests previously performed at ViraCor-IBT Laboratories will now be performed at Quest Diagnostics Nichols Institute, San Juan Capistrano.

Red Cedar (Rt 57) IgE	
Clinical Significance:	<p>Red cedar is an aggressive native perennial herbaceous annual member of the <i>Asteraceae (Compositae)</i> family native to southern eastern North America. It has been reported to be a significant cause of early spring hayfever, and occasionally asthma, in the southeastern states of the USA. "Cedar" pollens may also be significant allergens in areas where they are prevalent but their effects have not been suspected.</p> <p>Red cedar and white cedar (<i>Thuja occidentalis</i>) are common plants in western New York State. In an examination of skin test results from 158 patients with asthma, rhinitis, or both. 102 had positive skin tests to at least 1 pollen. Among those, 52 patients (51%) had positive skin tests to at least 1 of the cedar pollens. Patients sensitive on skin testing to cedar pollen were very likely to be sensitive to deciduous tree, grass, or ragweed pollen.</p>
Effective Date:	February 6, 2012
Test Code:	30751
<i>Former Test Name:</i>	<i>Allergen Specific IgE Red Cedar(J.virginia.)*</i>
CPT Code(s):	86003
Specimen Requirements:	0.3 mL serum
Transport Temperature:	Room temperature
Specimen Stability:	Room temperature and Refrigerated: 14 days Frozen: 30 days
Reference Ranges:	Accompanies report
Methodology:	Immunoassay
Performing Site:	This test performed at ViraCor-IBT Laboratories, will now be performed at Quest Diagnostics Nichols Institute, San Juan Capistrano

Discontinued Tests

Vitamin B1 (Thiamine), Plasma	
Effective Date:	February 13, 2012
Test Code:	922RQEZ
Additional Information:	The recommended alternative is 90353 - Vitamin B1 (Thiamine), LC/MS/MS, in the New Test Offerings Section.

HPV Genotype	
Effective Date:	February 20, 2012
Test Code:	16933
Additional Information:	The recommended alternative 19865 - HPV Genotypes 16 and 18.