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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)	Performing Site	Test Code	Test Name	Specimen Requirements	Transport Temperature	Specimen Stability	Units of Measure	Reference Range	Methodology	CPT Codes	Rejection Criteria	Other (see listing)
Antithrombin III Activity	216						x						
Factor V HR2 Allele DNA Mutation Analysis and NY	17902												x
Leukemia/Lymphoma Evaluation	35080				x								
QuantiFERON® - TB Gold, (Client Incubated)	16603				x								
Alkaline Phosphatase, Bone Specific	29498					x	x						
IGF Binding Protein-2 (IGFBP-2)	37102				x	x	x		x			x	x
Interleukin-1 Beta	1757											x	
Tick ID with Reflex to Lyme Disease DNA, Real-Time PCR, Tick	90558		x										
Bordetella pertussis IgG Antibodies, MAID	17826					x	x		x				
Bordetella pertussis IgG and IgA Antibodies, MAID	17825					x			x				
Filaria IgG4 Antibody, ELISA	34168				x		x		x				
Plasminogen Activator Inhibitor (PAI-1) Antigen	36555						x						
PTH Antibody	36578				x		x					x	
T4 (Thyroxine) Antibody	36576				x	x	x					x	
TSH Antibody	36577				x	x	x					x	

New Test Offerings

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

Chronic Urticaria Panel 2 (Comprehensive) <i>Includes: Histamine Release (Chronic Urticaria) * Thyroid Peroxidase Antibody (Anti-TPO) * Thyroglobulin Antibody * TSH, 3rd Generation * IgE Antibody (Anti-IgE IgG)</i>	
Clinical Significance:	Patients with a chronic form of urticaria who are positive with the functional Histamine Release (Chronic Urticaria) test have an autoimmune basis for their disease. A positive result does not indicate which autoantibody (anti-IgE or anti-Fc epsilon RI alpha chain) is present. A positive anti-IgE antibody does not exclude the presence of anti-Fc epsilon RI alpha chain antibody. Autoimmune thyroid disease coexists in approximately 25% of autoimmune chronic urticaria patients.
Effective Date:	September 26, 2011
Test Code:	90123
CPT Code(s):	86343, 86376, 86800, 84443, 83520
Specimen Requirements:	4.9 mL red-top (no gel) serum Serum should be separated from the cells as soon as possible after visible clot formation (usually 15-30 minutes after collection). Overnight fasting is preferred. Patients taking calcineurin inhibitors should stop their medication for 72 hours prior to draw
Rejection Criteria:	Moderate or gross hemolysis; lipemic specimen; icteric specimen; SST® tubes; sample other than serum; heavy visible particulate matter.
Transport Temperature:	Room temperature
Specimen Stability:	Room temperature: 4 days Refrigerated: 7 days Frozen: 28 days
Reference Ranges:	See individual assays
Methodology:	Immunochemiluminometric Assay, Cell Culture and Immunoassay
Assay Category:	Laboratory Developed Test
Performing Site:	Quest Diagnostics Nichols Institute, San Juan Capistrano

Chronic Urticaria Panel 3 <i>Includes: IgE Antibody (Anti-IgE IgG) * Histamine Release (Chronic Urticaria)</i>	
Clinical Significance:	Patients with a chronic form of urticaria who are positive with the functional Histamine Release (Chronic Urticaria) test have an autoimmune basis for their disease. A positive result does not indicate which autoantibody (anti-IgE or anti-Fc epsilon RI alpha chain) is present. A positive anti-IgE antibody does not exclude the presence of anti-Fc epsilon RI alpha chain antibody.
Effective Date:	September 26, 2011
Test Code:	90139
CPT Code(s):	83520, 86343
Specimen Requirements:	1.5 mL red-top (no gel) serum Serum should be separated from the cells as soon as possible after visible clot formation (usually 15-30 minutes after collection). Overnight fasting is preferred. Patients taking calcineurin inhibitors should stop their medication for 72 hours prior to draw.
Rejection Criteria:	Moderate and gross hemolysis; gross lipemia; gross icterus; heavy visible particulate matter; sample other than serum; SST® tubes
Transport Temperature:	Room temperature
Specimen Stability:	Room temperature and Refrigerated: 7 days Frozen: 28 days
Reference Ranges:	See individual assays
Methodology:	Cell Culture, Immunoassay
Assay Category:	Laboratory Developed Test
Performing Site:	Quest Diagnostics Nichols Institute, San Juan Capistrano

Buprenorphine and Naloxone, LC/MS/MS	
Clinical Significance:	Suboxone is a medication used for the treatment of opiate addiction which contains both buprenorphine and naloxone. The test is used to monitor patient compliance with therapy.
Effective Date:	October 10, 2011
Test Code:	90416
CPT Code(s):	83925x2
Specimen Requirements:	20 mL random urine (sterile, leak-proof container) (minimum 10 mL)
Rejection Criteria:	Urine specimens with preservative
Transport Temperature:	Room temperature
Specimen Stability:	Room temperature: 7 days Refrigerated: 14 days Frozen: 30 days
Reference Ranges:	Buprenorphine <2 ng/mL Norbuprenorphine <2 ng/mL Naloxone Accompanies report (ng/mL)
Methodology:	Liquid Chromatography/Tandem Mass Spectrometry
Assay Category:	Laboratory Developed Test
Performing Site:	Quest Diagnostics Nichols Institute, Valencia

Hydrocodone and Metabolite, Serum	
Clinical Significance:	Therapeutic drug monitoring and confirmation of screen-positive results. Hydrocodone is an active component of Vicodin®, Lorcet®, Lortab®, etc. Serum half-life is 3.4 to 8.8 hours. Hydromorphone is an active ingredient in Dilaudid®. Serum half-life is 1.5 to 3.8 hours.
Effective Date:	October 10, 2011
Test Code:	90489
CPT Code(s):	82646
Specimen Requirements:	5 mL red-top (no gel) serum (minimum 2.5 mL)
Rejection Criteria:	Serum separator tubes (SST®)
Transport Temperature:	Room temperature
Specimen Stability:	Room temperature: 7 days Refrigerated and Frozen: 14 days
Reference Ranges:	Hydrocodone, Free 5.0-24.0 ng/mL Hydromorphone, Free 5.0-30.0 ng/mL
Methodology:	Liquid Chromatography/Tandem Mass Spectrometry
Assay Category:	Laboratory Developed Test
Performing Site:	Quest Diagnostics Nichols Institute, Valencia

Neuron-Specific Enolase, CSF	
Clinical Significance:	Neuron-specific enolase (NSE) in cerebrospinal fluid can be a sensitive and specific marker of neuronal injury in various neurological disorders. It is useful in the differential diagnosis of Creutzfeldt-Jakob disease from other dementing illnesses.
Effective Date:	October 10, 2011
Test Code:	90520
CPT Code(s):	86316
Specimen Requirements:	2 mL CSF (sterile, leak-proof container) (minimum 0.7 mL)
Transport Temperature:	Refrigerated
Specimen Stability:	Room temperature: 72 hours Refrigerated: 5 days Frozen: 60 days
Reference Ranges:	<10 ng/mL
Methodology:	Immunoassay
Assay Category:	Research Use Only
Performing Site:	Quest Diagnostics Nichols Institute, Valencia

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.*

Antithrombin III Activity	
Effective Date:	October 10, 2011
Test Code:	216
Specimen Stability:	Room temperature and Refrigerated: Unacceptable
Performing Site:	Quest Diagnostics Nichols Institute, San Juan Capistrano and Chantilly
Additional Information:	<p>Please note this change also affects the following test: 8267 - Antithrombin III Activity with Reflex to Antithrombin III Antigen</p> <p>Please note this test is included in the following group codes:</p> <ul style="list-style-type: none"> • 7017 - Antithrombin III Activity and Antigen • 11051 - Thrombosis Panel • 11327 - Thrombophilia Screen II, Inherited

Factor V HR2 Allele DNA Mutation Analysis	
Effective Date:	October 10, 2011
Test Code:	17902
Performing Site:	Quest Diagnostics Nichols Institute, San Juan Capistrano
Additional Information:	<p>Remove Ask at Order Entry prompt for Ethnicity.</p> <p>Please note this change also applies to the following test codes:</p> <ul style="list-style-type: none"> • 11327-Thrombophilia Screen II, Inherited • 17904-Factor V (Leiden) Mutation Analysis w/Reflex to HR2 Mutation Analysis • 11126-Thrombophilia Mutation Analysis with Reflex to HR2 Mutation Analysis

Leukemia/Lymphoma Evaluation	
Effective Date:	October 10, 2011
Test Code:	35080
Specimen Requirements:	<p>Peripheral Blood: one green, yellow, or lavender top (sodium heparin, ACD-A or EDTA) tube. A minimum of 3 mL is required. The tube must be kept at room temperature and shipped to the lab immediately.</p> <p>Bone Marrow: A minimum of 1 mL (with maximum of 4 mL to prevent hemodilution of bone marrow) submitted in a green, yellow, or lavender top (Sodium Heparin, ACD-A or EDTA) tube. The tube must be kept at room temperature and shipped immediately.</p> <p>Tissue: Any tissue type is acceptable. Tissue size is dependent upon leukocyte cellularity. (The tissue is disaggregated into single cells so that a minimum of 50,000 cells of interest are harvested.) Ship tissue in sterile plastic container with RPMI 1640 enriched with FBS (10%FBS RPMI). Absolutely no fixative should be added. Refrigerate and ship immediately.</p> <p>Body Fluids: Any body fluid is acceptable. Sample size is dependent upon cellularity of the sample (a minimum of 50,000 cells of interest in total volume of fluid). Place fluid in sterile plastic container. Absolutely no fixative should be added. Refrigerate and ship immediately.</p>

QuantiFERON® - TB Gold, (Client Incubated)	
Effective Date:	October 10, 2011
Test Code:	16603
Specimen Requirements:	<p>1 mL whole blood in QTF-Nil, QTF-TB Ag and QTF-Mitogen tubes.</p> <p>Instructions:</p> <p>1. For each patient, collect 1 ml of blood by venipuncture directly into each of the three (3) unique QuantiFERON® - TB Gold IT blood collection tubes. Tubes must be at room temperature prior to collection. Under or overfilling of the tubes may lead to erroneous results.</p> <p>2. Shake them ten (10) times just firmly enough to ensure the entire surface of the tube is coated with blood, to solubilize antigens on tube walls.</p> <p>3. Incubate the three (3) tubes upright at 36-38 degrees C for 16 to 24 hours.</p> <p>4. Following incubation either:</p> <p style="padding-left: 40px;">a. Immediately transport the three (3) incubated collection tubes to Quest Diagnostics between 2 and 27 degrees C. Samples will be stable for 72 hours at 2-27 degrees C (refrigerated or room temperature).</p> <p style="text-align: center;">OR</p> <p style="padding-left: 40px;">b. Centrifuge each of the three (3) incubated collection tubes for 15 minutes at 2000 to 3000 RCF(g). Label with patient name, identification number, and date of collection. Deliver to Quest Diagnostics at 2-8 degrees C (refrigerated). Samples will be stable for 28 days at 2-8 degrees C (refrigerated).</p>

Alkaline Phosphatase, Bone Specific	
Effective Date:	October 17, 2011
Test Code:	29498
Transport Temperature:	Room temperature
Specimen Stability:	Room temperature and Refrigerated: 7 days Frozen: 60 days
Performing Site:	Quest Diagnostics Nichols Institute, San Juan Capistrano and Chantilly

IGF Binding Protein-2 (IGFBP-2)				
Effective Date:	October 17, 2011			
Test Code:	37102			
Specimen Requirements:	1 mL serum Fasting is preferred.			
Rejection Criteria:	Gross hemolysis, gross lipemia			
Transport Temperature:	Refrigerated			
Specimen Stability:	Room temperature: 12 hours Refrigerated: 4 days Frozen: 28 days			
Reference Ranges:	Pediatrics:	5 - 9.9 years	49 - 208	ng/mL
		10-13.9 years	41 - 167	ng/mL
		14-17.9 years	37 - 135	ng/mL
	Adults:	18 - 49 years	38 - 267	ng/mL
		>49 years	47 - 350	ng/mL
Assay Category:	Laboratory Developed Test			
Performing Site:	Quest Diagnostics Nichols Institute, San Juan Capistrano			

Interleukin-1 Beta	
Effective Date:	October 17, 2011
Test Code:	1757
Rejection Criteria:	Gross lipemia
Performing Site:	Quest Diagnostics Nichols Institute, San Juan Capistrano

Tick ID with Reflex to Lyme Disease DNA, Real-Time PCR, Tick	
Effective Date:	October 17, 2011
Test Code:	90558
<i>Former Test Code:</i>	<i>10710</i>
<i>Performing Site:</i>	<i>Focus Diagnostics, Inc.</i>
Additional Information:	<p>The following results will reflex to 15510 - Lyme Disease (<i>Borrelia spp</i>) DNA Qualitative Real-Time PCR, Tick at an additional charge (CPT code(s): 87801)</p> <p><i>Ixodes scapularis</i> (Deer Tick) <i>Ixodes pacificus</i> (Western Black-legged Tick) <i>Ixodes angustus</i> <i>Ixodes</i> species (probably <i>Ixodes pacificus</i>). Head and mouthparts missing. <i>Ixodes</i> species (probably <i>Ixodes scapularis</i>). Head and mouthparts missing. <i>Ixodes spinipalpis</i></p>

Bordetella pertussis IgG Antibodies, MAID			
Effective Date:	October 24, 2011		
Test Code:	17826		
Transport Temperature:	Room temperature		
Specimen Stability:	Room temperature: 7 days Refrigerated: 14 days Frozen: 30 days		
Reference Ranges:	PT IgG FHA IgG	<45 <90	IU/mL IU/mL
Performing Site:	Focus Diagnostics, Inc.		

Bordetella pertussis IgG and IgA Antibodies, MAID			
Effective Date:	October 24, 2011		
Test Code:	17825		
Transport Temperature:	Room temperature		
Reference Ranges:	PT IgG PT IgA FHA IgG FHA IgA	<45 <10 <90 <50	IU/mL IU/mL IU/mL IU/mL
Performing Site:	Focus Diagnostics, Inc.		

Filaria IgG4 Antibody, ELISA	
Effective Date:	October 24, 2011
Test Code:	34168
Specimen Requirements:	0.2 mL serum (minimum 0.1 mL)
Specimen Stability:	Room temperature: 7 days
Reference Ranges:	Negative
Performing Site:	Focus Diagnostics, Inc.

Plasminogen Activator Inhibitor (PAI-1) Antigen	
Effective Date:	October 24, 2011
Test Code:	36555
Specimen Stability:	Room temperature: Unacceptable Refrigerated: 2 hours Frozen -20°: 30 days Frozen -70°: 1 year
Performing Site:	Quest Diagnostics Nichols Institute, San Juan Capistrano
Additional Information:	Please note this test is included in the following group code: 15108 - tPA/PAI-1 Panel

PTH Antibody	
Effective Date:	October 24, 2011
Test Code:	36578
Specimen Requirements:	1 mL serum (minimum 0.5 mL)
Rejection Criteria:	Plasma
Specimen Stability:	Room temperature: 14 days Frozen: 28 days
Performing Site:	Quest Diagnostics Nichols Institute, San Juan Capistrano

T4 (Thyroxine) Antibody	
Effective Date:	October 24, 2011
Test Code:	36576
Specimen Requirements:	1 mL serum (minimum 0.5 mL)
Rejection Criteria:	Plasma, gross hemolysis, gross lipemia
Transport Temperature:	Room temperature
Specimen Stability:	Room temperature: 14 days Frozen: 28 days
Performing Site:	Quest Diagnostics Nichols Institute, San Juan Capistrano

TSH Antibody	
Effective Date:	October 24, 2011
Test Code:	36577
Specimen Requirements:	1 mL serum (minimum 0.5 mL)
Rejection Criteria:	Plasma
Transport Temperature:	Room temperature
Specimen Stability:	Room temperature: 14 days Frozen: 28 days
Performing Site:	Quest Diagnostics Nichols Institute, San Juan Capistrano

Redirects

Effective October 10, 2011 the following test previously performed at ViraCor-IBT Laboratories will now be performed at Quest Diagnostics Nichols Institute, San Juan Capistrano and Chantilly.

Dog Fennel (w 46) IgE*			
Effective Date:	October 10, 2011		
Test Code:	30753		
<i>Former Test Name:</i>	<i>Allergen Specific IgE Dog Fennel(A.cotula)*</i>		
Specimen Requirements:	0.3 mL red-top (no gel) serum (minimum 0.15 mL) Light hemolysis is acceptable		
Specimen Stability:	Room temperature and Refrigerated: 14 days Frozen: 30 days		
Reference Ranges:	Dog Fennel (w 46) IgE Class	Accompanies report	kU/L
Methodology:	Immunoassay		
Performing Site:	Quest Diagnostics Nichols Institute, San Juan Capistrano and Chantilly		

Effective October 10, 2011 the following test previously performed at NMS Labs will now be performed at Quest Diagnostics Nichols Institute, Valencia.

Lacosamide, LC/MS/MS	
Clinical Significance:	Lacosamide is an antiepileptic medication. Monitoring the serum concentration is beneficial to ensure compliance with drug therapy.
Effective Date:	October 10, 2011
Test Code:	16262
<i>Former Test Name:</i>	<i>Lacosamide, Serum/Plasma</i>
CPT Code(s):	83788
Specimen Requirements:	2 mL red-top (no gel) serum, EDTA (lavender-top tube) plasma or Sodium heparin (green-top tube) plasma (minimum 1 mL)
Rejection Criteria:	Serum separator tubes (SST®)
Transport Temperature:	Room temperature
Specimen Stability:	Room temperature: 7 days Refrigerated: 14 days Frozen: 30 days
Reference Ranges:	Accompanies report mcg/mL
Methodology:	Liquid Chromatography/Tandem Mass Spectrometry
Assay Category:	Laboratory Developed Test
Performing Site:	Quest Diagnostics Nichols Institute, Valencia

Carisoprodol Screen	
Clinical Significance:	Carisoprodol is a muscle relaxant often used in the treatment of back pain. The drug has some potential for abuse. This test will aid the physician in monitoring therapeutic compliance.
Effective Date:	October 10, 2011
Test Code:	90488
<i>Former Test Name:</i>	<i>Carisoprodol and Metabolite, Urine</i>
<i>Former Test Code:</i>	<i>15450</i>
CPT Code(s):	80101
Specimen Requirements:	10 mL random urine (sterile, leak-proof container) (minimum 2 mL)
Rejection Criteria:	Urine specimens with preservatives
Transport Temperature:	Room temperature
Specimen Stability:	Room temperature, Refrigerated and Frozen: 28 days
Reference Ranges:	Negative
Methodology:	Immunoassay
Assay Category:	Research Use Only
Performing Site:	Quest Diagnostics Nichols Institute, Valencia

Discontinued Tests

Lyme Disease (<i>Borrelia burgdorferi</i>) DNA Qualitative Real-Time PCR, Tick	
Effective Date:	October 17, 2011
Test Code:	30280
Additional Information:	The recommended alternative is: <ul style="list-style-type: none">• 15510 - Lyme Disease (<i>Borrelia</i> spp) DNA, Qualitative Real-Time PCR, Tick, performed at Focus Diagnostics, Inc.

New Standardized Offerings

The following tests will be available through Quest Diagnostics Nichols Institute, Chantilly.

Effective Date:	Test Code:	Test Name:
10/24/2011	19470	Myeloperoxidase (MPO) IHC with Interpretation