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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.

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## Summary of Test Changes

Test Name	Test Code(s)	Test Code	Performing Site	Former Test Name	Specimen Requirements	Transport Temperature	Specimen Stability	Units of Measure	Reference Range	Methodology	CPT Codes	Reject Criteria	Performing Site	Other (see listing)
ACTH, Plasma	211								x					
Cyanide, Blood	400								x					
Magnesium, RBC	623				x									
TSH, 3rd Generation with HAMA Treatment	19537					x	x		x	x				
Vitamin B2 (Riboflavin), Plasma	36399			x										
Kappa Light Chain, Free, Serum	15061					x			x					x
Lambda Light Chain, Free, Serum	15075					x			x					x
Rheumatoid Factor, LA, Synovial Fluid	770				x		x							
Streptococcus pneumoniae IgG AB (14 Serotypes), MAID	19564					x	x							

## New Test Offerings

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

<b>CD163, IHC with Interpretation</b>	
Clinical Significance:	The monocytic/macrophage marker CD163 shows more specificity for this lineage than CD68 and can be used to identify tissue histiocytes in a variety of reactive and neoplastic conditions.
<b>Effective Date:</b>	<b>September 12, 2011</b>
Test Code:	<b>90151</b>
CPT Code(s):	<b>88342</b>
Specimen Requirements:	<b>Formalin fixed paraffin embedded tissue in IHC specimen transport kit Please include surgical pathology report.</b>
Transport Temperature:	<b>Room temperature</b>
Specimen Stability:	<b>Room temperature and Refrigerated: Indefinite Frozen: Unacceptable</b>
Reference Ranges:	<b>Accompanies report</b>
Methodology:	<b>Immunohistochemistry</b>
Assay Category:	<b>FDA Approved/Cleared</b>
Performing Site:	<b>Quest Diagnostics Nichols Institute, San Juan Capistrano.</b>

<b>CD163, IHC without Interpretation</b>	
<b>Effective Date:</b>	<b>September 12, 2011</b>
Test Code:	<b>90201</b>
CPT Code(s):	<b>88342</b>
Specimen Requirements:	<b>Formalin fixed paraffin embedded tissue in IHC specimen transport kit</b>
Transport Temperature:	<b>Room temperature</b>
Specimen Stability:	<b>Room temperature and Refrigerated: Indefinite Frozen: Unacceptable</b>
Reference Ranges:	<b>Accompanies report</b>
Methodology:	<b>Immunohistochemistry</b>
Assay Category:	<b>FDA Approved/Cleared</b>
Performing Site:	<b>Quest Diagnostics Nichols Institute, San Juan Capistrano.</b>

<b>COX-2, IHC with Interpretation</b>	
Clinical Significance:	Tissue cyclooxygenase (COX) 2 is an enzyme expressed in the cytoplasm of many cells types. COX2 over-expression has been associated with adverse prognosis in carcinomas of the colon, breast, pancreas, and adenocarcinoma of the lung. Its activity, but not its expression level, is inhibited by non-steroidal anti-inflammatory agents.
<b>Effective Date:</b>	<b>September 12, 2011</b>
Test Code:	<b>90157</b>
CPT Code(s):	<b>88342</b>
Specimen Requirements:	<b>Formalin fixed paraffin embedded tissue in IHC specimen transport kit Please include surgical pathology report.</b>
Transport Temperature:	<b>Room temperature</b>
Specimen Stability:	<b>Room temperature and Refrigerated: Indefinite Frozen: Unacceptable</b>
Reference Ranges:	<b>Accompanies report</b>
Methodology:	<b>Immunohistochemistry</b>
Assay Category:	<b>FDA Approved/Cleared</b>
Performing Site:	<b>Quest Diagnostics Nichols Institute, San Juan Capistrano.</b>

<b>COX-2, IHC without Interpretation</b>	
<b>Effective Date:</b>	<b>September 12, 2011</b>
Test Code:	<b>90207</b>
CPT Code(s):	<b>88342</b>
Specimen Requirements:	<b>Formalin fixed paraffin embedded tissue in IHC specimen transport kit</b>
Transport Temperature:	<b>Room temperature</b>
Specimen Stability:	<b>Room temperature and Refrigerated: Indefinite Frozen: Unacceptable</b>
Reference Ranges:	<b>Accompanies report</b>
Methodology:	<b>Immunohistochemistry</b>
Assay Category:	<b>FDA Approved/Cleared</b>
Performing Site:	<b>Quest Diagnostics Nichols Institute, San Juan Capistrano.</b>

<b>Mammaglobin, IHC with Interpretation</b>	
Clinical Significance:	Mammaglobin, a very large complex glycoprotein, is identified in up to 85% of primary and metastatic breast carcinomas.
<b>Effective Date:</b>	<b>September 12, 2011</b>
Test Code:	<b>90168</b>
CPT Code(s):	<b>88342</b>
Specimen Requirements:	<b>Formalin fixed paraffin embedded tissue in IHC specimen transport kit Please include surgical pathology report.</b>
Transport Temperature:	<b>Room temperature</b>
Specimen Stability:	<b>Room temperature and Refrigerated: Indefinite Frozen: Unacceptable</b>
Reference Ranges:	<b>Accompanies report</b>
Methodology:	<b>Immunohistochemistry</b>
Assay Category:	<b>FDA Approved/Cleared</b>
Performing Site:	<b>Quest Diagnostics Nichols Institute, San Juan Capistrano.</b>

<b>Mammaglobin, IHC without Interpretation</b>	
<b>Effective Date:</b>	<b>September 12, 2011</b>
Test Code:	<b>90218</b>
CPT Code(s):	<b>88342</b>
Specimen Requirements:	<b>Formalin fixed paraffin embedded tissue in IHC specimen transport kit</b>
Transport Temperature:	<b>Room temperature</b>
Specimen Stability:	<b>Room temperature and Refrigerated: Indefinite Frozen: Unacceptable</b>
Reference Ranges:	<b>Accompanies report</b>
Methodology:	<b>Immunohistochemistry</b>
Assay Category:	<b>FDA Approved/Cleared</b>
Performing Site:	<b>Quest Diagnostics Nichols Institute, San Juan Capistrano.</b>

<b>PTEN, IHC with Interpretation</b>	
Clinical Significance:	The phosphatase PTEN is a tumor suppressor whose deletion (or less commonly mutation) is associated with tumor progression and results in loss of PTEN protein expression.
<b>Effective Date:</b>	<b>September 12, 2011</b>
Test Code:	<b>90178</b>
CPT Code(s):	<b>88342</b>
Specimen Requirements:	<b>Formalin fixed paraffin embedded tissue in IHC specimen transport kit Please include surgical pathology report.</b>
Transport Temperature:	<b>Room temperature</b>
Specimen Stability:	<b>Room temperature and Refrigerated: Indefinite Frozen: Unacceptable</b>
Reference Ranges:	<b>Accompanies report</b>
Methodology:	<b>Immunohistochemistry</b>
Assay Category:	<b>FDA Approved/Cleared</b>
Performing Site:	<b>Quest Diagnostics Nichols Institute, San Juan Capistrano.</b>

<b>PTEN, IHC without Interpretation</b>	
<b>Effective Date:</b>	<b>September 12, 2011</b>
Test Code:	<b>90228</b>
CPT Code(s):	<b>88342</b>
Specimen Requirements:	<b>Formalin fixed paraffin embedded tissue in IHC specimen transport kit</b>
Transport Temperature:	<b>Room temperature</b>
Specimen Stability:	<b>Room temperature and Refrigerated: Indefinite Frozen: Unacceptable</b>
Reference Ranges:	<b>Accompanies report</b>
Methodology:	<b>Immunohistochemistry</b>
Assay Category:	<b>FDA Approved/Cleared</b>
Performing Site:	<b>Quest Diagnostics Nichols Institute, San Juan Capistrano.</b>

<b>TIA-1, IHC with Interpretation</b>	
Clinical Significance:	TIA-1, a cytoplasmic/granule marker that is associated with cytotoxic lymphocytes, is positive in T-cell and NK large granular lymphocytic leukemias, hepatosplenic T-cell lymphomas, intestinal T-cell lymphomas, NK-like T-cell lymphomas, NK-cell lymphomas, nasal T/NK-cell lymphomas, subcutaneous T-cell lymphomas and pulmonary angiocentric lymphomas of T or NK phenotype. Most anaplastic large cell lymphomas will also show variable reactivity.
<b>Effective Date:</b>	<b>September 12, 2011</b>
Test Code:	<b>90186</b>
CPT Code(s):	<b>88342</b>
Specimen Requirements:	<b>Formalin fixed paraffin embedded tissue in IHC specimen transport kit Please include surgical pathology report.</b>
Transport Temperature:	<b>Room temperature</b>
Specimen Stability:	<b>Room temperature and Refrigerated: Indefinite Frozen: Unacceptable</b>
Reference Ranges:	<b>Accompanies report</b>
Methodology:	<b>Immunohistochemistry</b>
Assay Category:	<b>FDA Approved/Cleared</b>
Performing Site:	<b>Quest Diagnostics Nichols Institute, San Juan Capistrano.</b>

<b>TIA-1, IHC without Interpretation</b>	
<b>Effective Date:</b>	<b>September 12, 2011</b>
Test Code:	<b>90236</b>
CPT Code(s):	<b>88342</b>
Specimen Requirements:	<b>Formalin fixed paraffin embedded tissue in IHC specimen transport kit</b>
Transport Temperature:	<b>Room temperature</b>
Specimen Stability:	<b>Room temperature and Refrigerated: Indefinite Frozen: Unacceptable</b>
Reference Ranges:	<b>Accompanies report</b>
Methodology:	<b>Immunohistochemistry</b>
Assay Category:	<b>FDA Approved/Cleared</b>
Performing Site:	<b>Quest Diagnostics Nichols Institute, San Juan Capistrano.</b>

<b>SureSwab®, Candida krusei DNA</b>	
Clinical Significance:	Diagnosis of <i>Candida vulvovaginitis</i> .
<b>Effective Date:</b>	<b>October 3, 2011</b>
Test Code:	<b>90388</b>
CPT Code(s):	<b>87481</b>
Specimen Requirements:	<b>Vaginal swab in Aptima® Vaginal Swab Collection Kit (Orange label) Follow the instructions provided in the Aptima® Vaginal Swab Collection Kit. Remove the swab from the packaging and insert the swab into the vagina about two inches inside the opening. Gently rotate for 10 to 30 seconds, making sure that the swab touches the wall of the vagina so that moisture is absorbed by the swab. Withdraw the swab without touching the skin. Immediately place the swab into the transport tube so that the tip of the swab is visible below the tube label. Carefully break the swab shaft at the score line against the side of the tube and discard the top portion of the swab shaft. Tightly screw the cap onto the tube.</b>
Rejection Criteria:	<b>Specimens containing heparin; leaking samples; uncapped samples; broken container; Non Aptima® Vaginal Swab collection kit</b>
Transport Temperature:	<b>Room temperature</b>
Specimen Stability:	<b>Room temperature and Refrigerated: 14 days Frozen: 30 days</b>
Reference Ranges:	<b>Not Detected</b>
Methodology:	<b>Real Time Polymerase Chain Reaction</b>
Performing Site:	<b>Quest Diagnostics Nichols Institute, San Juan Capistrano</b>

<b>Herpes Simplex Virus, Type 1/2 DNA, Real-Time PCR, Pap Vial</b>	
Clinical Significance:	Diagnosis of active Herpes simplex infection
<b>Effective Date:</b>	<b>October 3, 2011</b>
Test Code:	<b>90569</b>
CPT Code(s):	<b>87529 (x2)</b>
Specimen Requirements:	<b>Liquid Cytology(PreservCyt®) Preservative (ThinPrep®) Labs performing cytology: Aliquot PreservCyt ® solution before performance of liquid based cytology testing. Transfer 1 mL of PreservCyt® solution into APTIMA® Specimen Transfer tube (green label) or APTIMA® Vaginal Collection Tube (orange label). Ship to lab.</b>
Rejection Criteria:	<b>PreservCyt® material already processed for cytology; PreservCyt® with excess mucus.</b>
Transport Temperature:	<b>Room temperature</b>
Specimen Stability:	<b>Room temperature: 14 days Refrigerated: 30 days Frozen: 30 days</b>
Reference Ranges:	<b>HSV 1 DNA: Not Detected HSV 2 DNA: Not Detected</b>
Methodology:	<b>Real-Time Polymerase Chain Reaction</b>
Performing Site:	<b>Quest Diagnostics Nichols Institute</b>

<b>SureSwab® Herpes Simplex Virus, Type 1/2 DNA, Real-Time PCR</b>	
Clinical Significance:	Diagnosis of active Herpes simplex infection
<b>Effective Date:</b>	<b>October 3, 2011</b>
Test Code:	<b>90570</b>
CPT Code(s):	<b>87529 (x2)</b>
Specimen Requirements:	<b>Vaginal swab in Aptima® Vaginal Swab Collection Kit (Orange label) Follow the instructions provided in the Aptima® Vaginal Swab Collection Kit. Remove the swab from the packaging and insert the swab into the vagina about two inches inside the opening. Gently rotate for 10 to 30 seconds, making sure that the swab touches the wall of the vagina so that moisture is absorbed by the swab. Withdraw the swab without touching the skin. Immediately place the swab into the transport tube so that the tip of the swab is visible below the tube label. Carefully break the swab shaft at the score line against the side of the tube and discard the top portion of the swab shaft. Tightly screw the cap onto the tube.</b>
Rejection Criteria:	<b>Specimens containing heparin; Leaking samples; Uncapped samples; Broken container; Non Aptima® Vaginal Swab Collection Kit</b>
Transport Temperature:	<b>Refrigerated</b>
Specimen Stability:	<b>Room temperature: 48 hours Refrigerated: 7 days Frozen: 30 days</b>
Reference Ranges:	<b>HSV 1 DNA: Not Detected HSV 2 DNA: Not Detected</b>
Methodology:	<b>Real-Time Polymerase Chain Reaction</b>
Performing Site:	<b>Quest Diagnostics Nichols Institute</b>

<b>Trichomonas vaginalis RNA, Qualitative TMA, Pap Vial</b>	
Clinical Significance:	This test is used to detect Trichomonas vaginalis in clinical specimens. The test has greater analytical sensitivity than culture methods.
<b>Effective Date:</b>	<b>October 3, 2011</b>
Test Code:	<b>90521</b>
CPT Code(s):	<b>87798</b>
Specimen Requirements:	<b>Liquid Cytology(PreservCyt®) Preservative (ThinPrep®) Labs performing cytology: Aliquot PreservCyt® solution before performance of liquid based cytology testing. Transfer 1 mL of PreservCyt® solution into APTIMA® Specimen Transfer tube (green label) or APTIMA® Vaginal Collection Tube (orange label). Ship to lab.</b>
Rejection Criteria:	<b>PreservCyt® material already processed for cytology; PreservCyt® with excess mucus.</b>
Transport Temperature:	<b>Room temperature</b>
Specimen Stability:	<b>Room temperature: 14 days Refrigerated: 30 days Frozen: 6 months</b>
Reference Ranges:	<b>Not Detected</b>
Methodology:	<b>Transcription-mediated amplification (TMA)</b>
Performing Site:	<b>Quest Diagnostics Nichols Institute</b>

<b>H-Caldesmon, IHC with Interpretation</b>	
Clinical Significance:	H-Caldesmon, a calcium-binding protein mediating smooth muscle contraction, is predominantly expressed in smooth muscle and a subset of myoepithelial cells.
<b>Effective Date:</b>	<b>October 10, 2011</b>
Test Code:	<b>90163</b>
CPT Code(s):	<b>88342</b>
Specimen Requirements:	<b>Formalin fixed paraffin embedded tissue in IHC specimen transport kit Please include surgical pathology report.</b>
Transport Temperature:	<b>Room temperature</b>
Specimen Stability:	<b>Room temperature and Refrigerated: Indefinite Frozen: Unacceptable</b>
Reference Ranges:	<b>Accompanies report</b>
Methodology:	<b>Immunohistochemistry</b>
Assay Category:	<b>FDA Approved/Cleared</b>
Performing Site:	<b>Quest Diagnostics Nichols Institute, San Juan Capistrano.</b>

<b>H-Caldesmon, IHC without Interpretation</b>	
<b>Effective Date:</b>	<b>October 10, 2011</b>
Test Code:	<b>90213</b>
CPT Code(s):	<b>88342</b>
Specimen Requirements:	<b>Formalin fixed paraffin embedded tissue in IHC specimen transport kit</b>
Transport Temperature:	<b>Room temperature</b>
Specimen Stability:	<b>Room temperature and Refrigerated: Indefinite Frozen: Unacceptable</b>
Reference Ranges:	<b>Accompanies report</b>
Methodology:	<b>Immunohistochemistry</b>
Assay Category:	<b>FDA Approved/Cleared</b>
Performing Site:	<b>Quest Diagnostics Nichols Institute, San Juan Capistrano.</b>

<b>HBME-1, IHC with Interpretation</b>	
Clinical Significance:	HBME-1, first identified on the membrane/microvilli of mesothelial cells, stains mesothelioma. However, it can also be seen in up to 20-30% of carcinomas, but usually showing a cytoplasmic expression pattern in those cases.
<b>Effective Date:</b>	<b>October 10, 2011</b>
Test Code:	<b>90164</b>
CPT Code(s):	<b>88342</b>
Specimen Requirements:	<b>Formalin fixed paraffin embedded tissue in IHC specimen transport kit Please include surgical pathology report.</b>
Transport Temperature:	<b>Room temperature</b>
Specimen Stability:	<b>Room temperature and Refrigerated: Indefinite Frozen: Unacceptable</b>
Reference Ranges:	<b>Accompanies report</b>
Methodology:	<b>Immunohistochemistry</b>
Assay Category:	<b>FDA Approved/Cleared</b>
Performing Site:	<b>Quest Diagnostics Nichols Institute, San Juan Capistrano.</b>

<b>HBME-1, IHC without Interpretation</b>	
<b>Effective Date:</b>	<b>October 10, 2011</b>
Test Code:	<b>90214</b>
CPT Code(s):	<b>88342</b>
Specimen Requirements:	<b>Formalin fixed paraffin embedded tissue in IHC specimen transport kit</b>
Transport Temperature:	<b>Room temperature</b>
Specimen Stability:	<b>Room temperature and Refrigerated: Indefinite Frozen: Unacceptable</b>
Reference Ranges:	<b>Accompanies report</b>
Methodology:	<b>Immunohistochemistry</b>
Assay Category:	<b>FDA Approved/Cleared</b>
Performing Site:	<b>Quest Diagnostics Nichols Institute, San Juan Capistrano.</b>

<b>Perforin, IHC with Interpretation</b>	
Clinical Significance:	Perforin, a protein found within cytoplasmic granules, is a marker of cytotoxic lymphocytes. It is frequently positive, along with granzyme B, in extranodal natural killer (NK) cell lymphomas, aggressive NK cell leukemias and large granular lymphocyte (LGL) leukemias. Unlike TIA1, it is negative in hepatosplenic T-cell lymphoma.
<b>Effective Date:</b>	<b>October 10, 2011</b>
Test Code:	<b>90356</b>
CPT Code(s):	<b>88342</b>
Specimen Requirements:	<b>Formalin fixed paraffin embedded tissue in IHC specimen transport kit Please include surgical pathology report.</b>
Transport Temperature:	<b>Room temperature</b>
Specimen Stability:	<b>Room temperature and Refrigerated: Indefinite Frozen: Unacceptable</b>
Reference Ranges:	<b>Accompanies report</b>
Methodology:	<b>Immunohistochemistry</b>
Assay Category:	<b>FDA Approved/Cleared</b>
Performing Site:	<b>Quest Diagnostics Nichols Institute, San Juan Capistrano</b>

<b>Perforin, IHC without Interpretation</b>	
<b>Effective Date:</b>	<b>October 10, 2011</b>
Test Code:	<b>90358</b>
CPT Code(s):	<b>88342</b>
Specimen Requirements:	<b>Formalin fixed paraffin embedded tissue in IHC specimen transport kit</b>
Transport Temperature:	<b>Room temperature</b>
Specimen Stability:	<b>Room temperature and Refrigerated: Indefinite Frozen: Unacceptable</b>
Reference Ranges:	<b>Accompanies report</b>
Methodology:	<b>Immunohistochemistry</b>
Assay Category:	<b>FDA Approved/Cleared</b>
Performing Site:	<b>Quest Diagnostics Nichols Institute, San Juan Capistrano</b>

<b>TCL1, IHC with Interpretation</b>	
Clinical Significance:	The T-cell leukemia/lymphoma protein 1 (TCL1) is an AKT kinase regulator that is expressed in B cells up to the germinal stage and in plasmacytoid dendritic cells. TCL1 is strongly expressed, due to the chromosomal rearrangements, t(14;14)(q11;q32) and inv(14)(q11;q32), in 70% of cases of T-cell prolymphocytic leukemia (T-PLL) but is negative in all other mature T-cell lymphomas and leukemias. TCL1 is also expressed in nearly all cases of blastic plasmacytoid dendritic cell neoplasms, and can be used to distinguish this tumor from monocytic neoplasms. High TCL1 levels correlate with the pre-germinal center genetic subtype and are a strong adverse prognostic factor in B-cell chronic lymphocytic leukemia.
<b>Effective Date:</b>	<b>October 10, 2011</b>
Test Code:	<b>90403</b>
CPT Code(s):	<b>88342</b>
Specimen Requirements:	<b>Formalin fixed paraffin embedded tissue in IHC specimen transport kit Please include surgical pathology report.</b>
Transport Temperature:	<b>Room temperature</b>
Specimen Stability:	<b>Room temperature and Refrigerated: Indefinite Frozen: Unacceptable</b>
Reference Ranges:	<b>Accompanies report</b>
Methodology:	<b>Immunohistochemistry</b>
Assay Category:	<b>FDA Approved/Cleared</b>
Performing Site:	<b>Quest Diagnostics Nichols Institute, San Juan Capistrano.</b>

<b>TCL1, IHC without Interpretation</b>	
<b>Effective Date:</b>	<b>October 10, 2011</b>
Test Code:	<b>90402</b>
CPT Code(s):	<b>88342</b>
Specimen Requirements:	<b>Formalin fixed paraffin embedded tissue in IHC specimen transport kit</b>
Transport Temperature:	<b>Room temperature</b>
Specimen Stability:	<b>Room temperature and Refrigerated: Indefinite Frozen: Unacceptable</b>
Reference Ranges:	<b>Accompanies report</b>
Methodology:	<b>Immunohistochemistry</b>
Assay Category:	<b>FDA Approved/Cleared</b>
Performing Site:	<b>Quest Diagnostics Nichols Institute, San Juan Capistrano.</b>

<b>Villin, IHC with Interpretation</b>	
Clinical Significance:	Villin, a cytoskeletal component of intestinal and renal epithelium, is most commonly used to differentiate metastatic carcinomas of intestinal origin from lung or breast. However, villin can also be positive in renal cell carcinoma, bladder carcinoma, and ovarian mucinous carcinomas.
<b>Effective Date:</b>	<b>October 10, 2011</b>
Test Code:	<b>90189</b>
CPT Code(s):	<b>88342</b>
Specimen Requirements:	<b>Formalin fixed paraffin embedded tissue in IHC specimen transport kit Please include surgical pathology report.</b>
Transport Temperature:	<b>Room temperature</b>
Specimen Stability:	<b>Room temperature and Refrigerated: Indefinite Frozen: Unacceptable</b>
Reference Ranges:	<b>Accompanies report</b>
Methodology:	<b>Immunohistochemistry</b>
Assay Category:	<b>FDA Approved/Cleared</b>
Performing Site:	<b>Quest Diagnostics Nichols Institute, San Juan Capistrano.</b>

<b>Villin, IHC without Interpretation</b>	
<b>Effective Date:</b>	<b>October 10, 2011</b>
Test Code:	<b>90239</b>
CPT Code(s):	<b>88342</b>
Specimen Requirements:	<b>Formalin fixed paraffin embedded tissue in IHC specimen transport kit</b>
Transport Temperature:	<b>Room temperature</b>
Specimen Stability:	<b>Room temperature and Refrigerated: Indefinite Frozen: Unacceptable</b>
Reference Ranges:	<b>Accompanies report</b>
Methodology:	<b>Immunohistochemistry</b>
Assay Category:	<b>FDA Approved/Cleared</b>
Performing Site:	<b>Quest Diagnostics Nichols Institute, San Juan Capistrano</b>

<b>Prolactin, Dilution Study</b>			
Clinical Significance:	Hypersecretion of prolactin can be caused by hypothalamic or pituitary tumors, hypothalamic disease, breast or chest wall stimulation, hypothyroidism, and other conditions. High prolactin concentrations are associated with hypogonadism and low or inappropriately low LH and FSH concentrations.		
<b>Effective Date:</b>	<b>November 7, 2011</b>		
Test Code:	<b>40049</b>		
CPT Code(s):	<b>84146 (x2)</b>		
Specimen Requirements:	<b>1 mL serum Overnight fasting is preferred.</b>		
Transport Temperature:	<b>Room temperature</b>		
Specimen Stability:	<b>Room temperature: 5 days Refrigerated: 7 days Frozen: 28 days</b>		
Reference Ranges:	<b>Adults:</b>	<b>Females (&gt;18 years)</b>	
		<b>Non-pregnant:</b>	<b>3.0-30.0 ng/mL</b>
		<b>Pregnant:</b>	<b>10.0-209.0 ng/mL</b>
		<b>Post-menopausal:</b>	<b>2.0-20.0 ng/mL</b>
		<b>Males (&gt;18 years):</b>	
	<b>Tanner Stages:</b>	<b>Female Observed Range</b>	<b>Male Observed Range</b>
	<b>I</b>	<b>3.6-12.0 ng/mL</b>	<b>&lt; or = 10.0 ng/mL</b>
	<b>II-III</b>	<b>2.6-18.0 ng/mL</b>	<b>&lt; or = 6.1 ng/mL</b>
	<b>IV-V</b>	<b>3.2-20.0 ng/mL</b>	<b>2.8-11.0 ng/mL</b>
Methodology:	<b>Immunoassay</b>		
Performing Site:	<b>Quest Diagnostics Nichols Institute, San Juan Capistrano.</b>		

<b>TBII (Thyrotropin-Binding Inhibitory Immunoglobulin)</b>	
Clinical Significance:	Measurement of TBII is used to diagnose and manage Graves' disease, neonatal hypothyroidism, and postpartum thyroid dysfunction.
<b>Effective Date:</b>	<b>November 14, 2011</b>
Test Code:	<b>5738</b>
CPT Code(s):	<b>83519</b>
Specimen Requirements:	<b>1 mL serum</b>
Rejection Criteria:	<b>Gross hemolysis, moderate or gross lipemia, moderate or gross icterus specimens.</b>
Transport Temperature:	<b>Refrigerated</b>
Specimen Stability:	<b>Room temperature: 48 hours Refrigerated: 7 days Frozen: 30 days</b>
Reference Ranges:	<b>&lt; or = 16 % Inhibition</b>
Methodology:	<b>Radioreceptor Assay</b>
Performing Site:	<b>Quest Diagnostics Nichols Institute, San Juan Capistrano.</b>

## 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.*

<b>ACTH, Plasma</b>		
<b>Effective Date:</b>	<b>November 7, 2011</b>	
Test Code:	211	
Reference Ranges	< 3 years:	Reference range not established
	3 – 17 years:	9-57 pg/mL
	<b>&gt; or = 18 years:</b>	<b>6-50 pg/mL</b>

<b>Cyanide, Blood</b>	
<b>Effective Date:</b>	<b>November 14, 2011</b>
Test Code:	400
Reference Ranges:	< <b>0.1 mg/L</b> <b>Potentially Toxic: &gt; 0.5 mg/L</b> <b>Detection Limit: 0.1 mg/L</b>
Performing Site:	Quest Diagnostics Nichols Institute, Chantilly

<b>Magnesium, RBC</b>	
<b>Effective Date:</b>	<b>November 14, 2011</b>
Test Code:	623
Specimen Requirements:	<b>Sodium heparin (green-top tube) whole blood is unacceptable</b>
Performing Site:	Quest Diagnostics Nichols Institute, Chantilly

<b>TSH, 3rd Generation with HAMA Treatment</b>		
<b>Effective Date:</b>	<b>November 14, 2011</b>	
Test Code:	19537	
<i>Former Test Name:</i>	<i>TSH with HAMA Treatment</i>	
Transport Temperature:	<b>Room temperature</b>	
Specimen Stability:	<b>Room temperature and Refrigerated: 7 days Frozen: 28 days</b>	
Reference Ranges:	<b>Premature Infants, 28-36 weeks 1st week of life</b>	<b>0.20-27.90 mIU/L</b>
	<b>Term infants, (&gt;37 weeks) Serum or Cord Blood</b>	<b>1.00-39.00 mIU/L</b>
	<b>&lt;or= 4 days</b>	<b>3.20-35.00 mIU/L**</b>
	<b>5-6 days</b>	<b>Not Established**</b>
	<b>1-4 weeks</b>	<b>1.70-9.10 mIU/L**</b>
	<b>1-11 months</b>	<b>0.80-8.20 mIU/L</b>
	<b>1-19 years</b>	<b>0.50-4.30 mIU/L</b>
	<b>&gt;or = 20 years</b>	<b>0.40-4.50 mIU/L</b>
	<b>** TSH levels decline rapidly during the first week of life in most children, but may remain transiently elevated in a few individuals despite normal free T4 levels. For confirmatory testing following a positive newborn thyroid screen, a free (or total) T4 level is usually required for proper interpretation of TSH levels in this age group.</b>	
	<b>Pregnancy Ranges</b>	
	<b>First Trimester</b>	<b>0.20-4.70 mIU/L</b>
	<b>Second Trimester</b>	<b>0.30-4.10 mIU/L</b>
	<b>Third Trimester</b>	<b>0.40-2.70 mIU/L</b>
Methodology:	<b>Immunoassay</b>	
Performing Site:	Quest Diagnostics Nichols Institute, San Juan Capistrano	

<b>Vitamin B2 (Riboflavin), Plasma</b>	
<b>Effective Date:</b>	<b>November 14, 2011</b>
Test Code:	36399
<i>Former Test Name:</i>	<i>Vitamin B2</i>
Performing Site:	Quest Diagnostics Nichols Institute, San Juan Capistrano

<b>Kappa Light Chain, Free, Serum</b>	
<b>Effective Date:</b>	<b>November 21, 2011</b>
Test Code:	15061
Transport Temperature:	<b>Room temperature</b>
Reference Ranges:	<b>3.3-19.4 mg/L</b>
Performing Site:	Quest Diagnostics Nichols Institute, San Juan Capistrano
Additional Information:	Please note this change also applies to the following test codes: <ul style="list-style-type: none"> <li>• 11234 Kappa/Lambda Light Chains, Free with Ratio, Serum</li> <li>• 15122 Kappa/Lambda Light Chains, Free with Ratio and reflex to Immunofixation, Serum</li> </ul>

<b>Lambda Light Chain, Free, Serum</b>	
<b>Effective Date:</b>	<b>November 21, 2011</b>
Test Code:	15075
Transport Temperature:	<b>Room temperature</b>
Reference Ranges:	<b>5.7-26.3 mg/L</b>
Performing Site:	Quest Diagnostics Nichols Institute, San Juan Capistrano
Additional Information:	Please note this change also applies to the following test codes: <ul style="list-style-type: none"> <li>• 11234 Kappa/Lambda Light Chains, Free with Ratio, Serum</li> <li>• 15122 Kappa/Lambda Light Chains, Free with Ratio and reflex to Immunofixation, Serum</li> </ul>

<b>Rheumatoid Factor, LA, Synovial Fluid</b>	
<b>Effective Date:</b>	<b>November 21, 2011</b>
Test Code:	770
<i>Former Test Name:</i>	<i>Rheumatoid Factor, LA (Fluid)</i>
Specimen Requirements:	<b>1 mL synovial fluid</b> Please note: All other fluids are unacceptable
Specimen Stability:	<b>Room temperature: Unacceptable</b> <b>Refrigerated: 14 days</b> <b>Frozen: 30 days</b>
Performing Site:	Focus Diagnostics, Inc

<b>Streptococcus pneumoniae IgG AB (14 Serotypes), MAID</b>	
<b>Effective Date:</b>	<b>November 21, 2011</b>
Test Code:	19564
Transport temperature:	<b>Room temperature</b>
Specimen Stability:	Room temperature: 7 days <b>Refrigerated: 14 days</b> <b>Frozen: 30 days</b>
Performing Site:	Focus Diagnostics, Inc
Additional Information:	Please note the following tests are also affected: <ul style="list-style-type: none"> <li>• 19563 <i>Streptococcus pneumoniae</i> IgG AB (7 Serotypes), MAID</li> <li>• 16374 <i>Streptococcus pneumoniae</i> IgG AB (13 Serotypes), MAID</li> <li>• 34263 <i>Streptococcus pneumoniae</i> IgG Ab (6 Serotypes), MAID</li> <li>• 16963 <i>Streptococcus pneumoniae</i> IgG AB (23 Serotypes), MAID</li> </ul>

## Redirects

Effective November 7, 2011 the following tests previously performed at NMS Labs will now be performed at Quest Diagnostics Nichols Institute, Valencia.

<b>Carisoprodol Screen w/reflex Confirmation</b>	
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.
<b>Effective Date:</b>	<b>November 7, 2011</b>
Test Code:	<b>90578</b>
<i>Former Test Name:</i>	<i>Carisoprodol and Metabolite, Urine</i>
<i>Former Test Code:</i>	<i>15450</i>
CPT Code(s):	<b>80101</b>
Specimen Requirements:	<b>10 mL random urine (sterile, leak-proof container) (minimum 2 mL)</b>
Rejection Criteria:	<b>Urine specimens with preservatives</b>
Transport Temperature:	<b>Room temperature</b>
Specimen Stability:	<b>Room temperature, Refrigerated and Frozen: 28 days</b>
Reference Ranges:	<b>Negative</b>
Methodology:	<b>Immunoassay (screen), Liquid Chromatography/Tandem Mass Spectrometry</b>
Performing Site:	<b>Quest Diagnostics Nichols Institute, Valencia</b>
Additional Information:	<b>If screen is positive, allow additional time for confirmation testing. Positive screen results automatically reflex to TC 90578-2 for confirmation at an additional charge (CPT code(s): 83805)</b>

Effective November 14, 2011 the following tests previously performed at ViraCor-IBT Laboratories will now be performed at Quest Diagnostics Nichols Institute, Chantilly.

<b>Nutmeg (Rf282) IgE**</b>	
<b>Effective Date:</b>	<b>November 14, 2011</b>
Test Code:	2718
<i>Former Test Name:</i>	<i>Allergen Specific IgE Nutmeg*</i>
Specimen Requirements:	<b>0.3 mL serum (minimum: 0.15 mL) Plasma is not acceptable.</b>
Specimen Stabilities:	<b>Room temperature and Refrigerated: 14 days Frozen: 30 days</b>
Reference Ranges:	<b>Accompanies report</b>
Performing Site:	<b>Quest Diagnostics Nichols Institute, Chantilly</b>

<b>Poppy Seed (Rf224) IgE**</b>	
<b>Effective Date:</b>	<b>November 14, 2011</b>
Test Code:	3050
<i>Former Test Name:</i>	<i>Allergen Specific IgE Poppy seed*</i>
Specimen Requirements:	<b>0.3 mL serum (minimum: 0.15 mL) Plasma is not acceptable.</b>
Specimen Stabilities:	<b>Room temperature and Refrigerated: 14 days Frozen: 30 days</b>
Reference Ranges:	<b>Accompanies report</b>
Performing Site:	<b>Quest Diagnostics Nichols Institute, Chantilly</b>

## Discontinued Tests

<b>TSH Receptor Antibody</b>	
<b>Effective Date:</b>	<b>November 14, 2011</b>
Test Code:	16453
Additional Information:	The recommended alternative is 5738 TBII (Thyrotropin-Binding Inhibitory Immunoglobulin) in the New Test Offerings section.