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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	Test Name	CPT Codes	Specimen Requirements	Rejection Criteria	Transport Temperature	Specimen Stability	Set-Up/Analytic Time	Reference Range	Units of Measure	Methodology	Assay Category	Performing Site	Other (see listing)
HIV-1 Coreceptor Tropism	16710									X					
HIV-1 Genotype	34949									X					
HIV-1 Genotype and Coreceptor Tropism with Reflex to Virtual Phenotype	16431									X					
HIV-1 Genotype and HIV-1 Coreceptor Tropism	16430									X					
HIV-1 Genotype with Graphical Report	11189									X					
HIV-1 Genotype with Reflex to Virtual Phenotype	10469		X							X					
HIV-1 Integrase Genotype	16868									X					
HIV-1 RNA, Quantitative PCR with Reflex to Genotype and Virtual Phenotype	10435		X							X					
HIV-1 RNA, Quantitative bDNA with Reflex to HIV-1 Genotype	10596									X					
HIV-1 RNA, Quantitative PCR w/Reflex to Genotype	34471									X					
PTH, Intact, Fine Needle Aspirate	16560									X					
AccuType® CP, Clopidogrel CYP2C19 Genotype	16924			X											
Testosterone, Total, LC/MS/MS	15983									X					
Hyperglycosylated hCG (h-hCG)	11303						X	X							
Levetiracetam	15142		X		X		X	X				X			
Marijuana Metabolite, Quantitative, Urine	26514		X					X							

# Announcements

## Maternal Serum Screening Changes

**Effective March 19, 2012**, Quest Diagnostics will provide enhanced reporting of Maternal Serum Screening test requests by including the ultrasonographer's assessment of the presence or absence of nasal bone on ultrasound during the 1<sup>st</sup> trimester. According to the Fetal Medicine Foundation, "In a high proportion of fetuses with trisomy 21 and other chromosomal abnormalities the nasal bone is hypoplastic or not visible at 11-13 weeks' gestation. Assessment of the nasal bone at 11-13 weeks improves the performance of screening for trisomy 21 by maternal age and fetal NT and serum biochemistry. If you have any questions, please call 866-GENE INFO (866-436-3463).

16020- First Trimester Screen Hyperglycosylated hCG	
16145- First Trimester Screen, hCG	
16148- Integrated Screen, Part 1	
16131- Sequential Integrated Screen, Part 1	
<b>Effective Date:</b>	<b>March 19, 2012</b>
Additional Information:	<ul style="list-style-type: none"> <li>• Add ask-at-order-entry (AOE) questions: Nasal bone, Twin B Nasal Bone.</li> <li>• Delete AOE: estimated date of delivery (EDD) from crown rump length (CRL) measurement.</li> <li>• Delete AOE: brief history of Down Syndrome</li> <li>• Change AOE: Previous pregnancy Down Syndrome - yes or no.</li> </ul>
15934- Penta Screen	
16165- Serum Integrated Screen, Part 1	
<b>Effective Date:</b>	<b>March 19, 2012</b>
Additional Information:	<ul style="list-style-type: none"> <li>• Delete AOE: brief history of Down Syndrome</li> <li>• Change AOE: Previous pregnancy Down Syndrome - yes or no.</li> </ul>
16133- Sequential Integrated Screen, Part 2	
16150- Integrated Screen, Part 2	
<b>Effective Date:</b>	<b>March 19, 2012</b>
Reject Criteria:	<b>Gross hemolysis; Gross lipemia</b>
Additional Information:	<ul style="list-style-type: none"> <li>• New reporting analytes: Nasal Bone, Crown Rump Length, Ultrasound Date and Twin B Nasal Bone.</li> </ul>
16167- Serum Integrated Screen, Part 2	
<b>Effective Date:</b>	<b>March 19, 2012</b>
Reject Criteria:	<b>Gross hemolysis; Gross lipemia</b>
5059 - Maternal Serum AFP	
7292-Triple Screen	
<b>Effective Date:</b>	<b>March 19, 2012</b>
Reject Criteria:	<b>Gross hemolysis</b>
Additional Information:	<ul style="list-style-type: none"> <li>• Delete AOE: brief history of Down Syndrome</li> <li>• Change AOE: Previous pregnancy Down Syndrome - yes or no.</li> </ul>

30294- Quad Screen	
<b>Effective Date:</b>	<b>March 19, 2012</b>
<b>Reject Criteria:</b>	<b>Gross hemolysis; Gross lipemia</b>
<b>Additional Information:</b>	<ul style="list-style-type: none"><li>• Delete AOE: brief history of Down Syndrome</li><li>• Change AOE: Previous pregnancy Down Syndrome – yes or no.</li></ul>

## New Test Offerings

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

<b>Ribosomal P Antibody, CSF</b>	
Clinical Significance:	Ribosomal P antibodies are associated with the neuropsychiatric manifestations of SLE.
<b>Effective Date:</b>	<b>February 6, 2012</b>
Test Code:	<b>90637</b>
CPT Code(s):	<b>83516</b>
Specimen Requirements:	<b>1 mL CSF</b>
Transport Temperature:	<b>Refrigerated</b>
Specimen Stability:	<b>Room temperature: Unacceptable Refrigerated: 14 days Frozen: 30 days</b>
Reference Ranges:	<b>&lt;1.0</b>
Methodology:	<b>Immunoassay</b>
Performing Site:	<b>Focus Diagnostics, Inc.</b>

<b>Bisphenol A and Creatinine, Random Urine</b>	
Clinical Significance:	Bisphenol A is a component of some plastics. Its chemical structure is akin to estrogens. Bisphenol A may have a role in infertility, and may influence the development of certain birth defects.
<b>Effective Date:</b>	<b>February 13, 2012</b>
Test Code:	<b>90471</b>
CPT Code(s):	<b>82570, 83789</b>
Specimen Requirements:	<b>10 mL random urine, no preservative in standard urine transport container Collection Container: BPA-Free container (Typical urine polypropylene urine collection containers are acceptable) NO POLYCARBONATE CONTAINERS Please provide age and gender for correct reference range for creatinine.</b>
Rejection Criteria:	<b>Sample received in Polycarbonate containers; sample collected with preservatives</b>
Transport Temperature:	<b>Refrigerated</b>
Specimen Stability:	<b>Room temperature: 24 hours Refrigerated: 7 days Frozen: 28 days</b>

Reference Ranges:	<b>Bisphenol A:</b>	<b>Accompanies report</b>		<b>ng/mL</b>
	<b>Creatinine:</b>	<b>0-6 Months</b>	<b>2-32</b>	<b>mg/dL</b>
		<b>7-11 Months</b>	<b>2-36</b>	<b>mg/dL</b>
		<b>1-2 Years</b>	<b>2-128</b>	<b>mg/dL</b>
		<b>3-8 Years</b>	<b>2-149</b>	<b>mg/dL</b>
		<b>9-12 Years</b>	<b>2-183</b>	<b>mg/dL</b>
		<b>&gt;12 Years:</b>		
		<b>Male: 20-370</b>		<b>mg/dL</b>
		<b>Female: 20-320</b>		<b>mg/dL</b>
Methodology:	<b>Colorimetric, Kinetic, High Performance Liquid Chromatography Tandem Mass Spectrometry</b>			
Performing Site:	<b>Quest Diagnostics Nichols Institute, San Juan Capistrano</b>			

<b>HIV-1 Coreceptor Tropism with Reflex to Ultradeep Sequencing</b>		
Clinical Significance:	The use of CCR5 antagonists requires screening for viral tropism to exclude patients harboring X4 or dual mixed virus. Detection of X4 virus prior to the initiation of therapy has been associated with a reduced response to maraviroc.	
<b>Effective Date:</b>	<b>March 5, 2012</b>	
Test Code:	<b>90666</b>	
CPT Code(s):	<b>87906</b>	
Specimen Requirements:	<b>2 mL EDTA (lavender-top tube) plasma</b> <b>Collect blood in sterile tubes containing EDTA anticoagulant (lavender-top) or PPT (white-top) tube. Separate plasma from the cells by centrifugation within 6 hours after collection, transfer the plasma to a separate plastic screw-cap vial, and ship frozen.</b>	
Rejection Criteria:	<b>Serum; non-centrifuged PPT; frozen PPT (in situ); Heparinized plasma; Gross hemolysis; Lipemic</b>	
Transport Temperature:	<b>Frozen</b>	
Specimen Stability:	<b>Room temperature: 24 hours</b> <b>Refrigerated: 5 days</b> <b>Frozen: 30 days -70°C: 30 days</b>	
Reference Ranges:	<b>CXCR4(X4):</b>	<b>Accompanies report</b>
	<b>UDS X4:</b>	<b>Accompanies report</b>
	<b>Net Tropism Assessment:</b> <b>MVC Activity Anticipated:</b>	<b>Accompanies report</b> <b>Accompanies report</b>
Methodology:	<b>Reverse Transcriptase Polymerase Chain Reaction, DNA Sequencing, Ultradeep Sequencing</b>	
Performing Site:	<b>Quest Diagnostics Nichols Institute, San Juan Capistrano</b>	
Additional Information:	<b>If the HIV-1 Coreceptor Tropism result is Not Detected, then Ultradeep Sequencing will be performed at an additional charge (CPT: 87906).</b>	

<b>Hemophilia A (Factor VIII) Inversions</b>	
Clinical Significance:	This assay detects the recurring intron 1 and intron 22 inversions in the F8 gene that account for nearly half of all severe hemophilia A cases. The assay is useful for identifying the disease-causing mutation in males with severe hemophilia A, or for determining the carrier status in females with a family history of F8 intron inversions.
<b>Effective Date:</b>	<b>March 5, 2012</b>
Test Code:	<b>90828</b>
CPT Code(s):	<b>83891, 83892, 83900, 83901 (x3), 83914, 83909, 83912</b>
Specimen Requirements:	<b>4 mL whole blood collected in EDTA (lavender-top) tube Whole blood: normal phlebotomy procedure. Store and ship ambient immediately. Do not freeze. For prenatal diagnosis, please call the laboratory.</b>
Transport Temperature:	<b>Room temperature</b>
Specimen Stability:	<b>Room temperature and Refrigerated: 8 days Frozen: 30 days</b>
Reference Ranges:	<b>Accompanies report</b>
Methodology:	<b>Inverse Polymerase Chain Reaction/Capillary Electrophoresis</b>
Performing Site:	<b>Quest Diagnostics Nichols Institute, San Juan Capistrano</b>

<b>Steroid Panel, Comprehensive</b> <i>Includes: 11-Deoxycortisol * 17-Hydroxyprogesterone * 17-Hydroxypregnenolone * 18-Hydroxycorticosterone and Cortisone * Androstenedione * Corticosterone * Cortisol * DHEA, Unconjugated * Deoxycorticosterone * Pregnenolone * Progesterone * Testosterone, Total, LC/MS/MS</i>	
Clinical Significance:	This panel identifies all major adrenal steroid hormones and facilitates the diagnosis of the four enzymatic defects associated with congenital adrenal hyperplasia (CAH).
<b>Effective Date:</b>	<b>March 12, 2012</b>
Test Code:	<b>90392</b>
CPT Code(s):	<b>82634, 83498, 84143, 83789, 82157, 82528, 82533, 82626, 82633, 84140, 84144, 84403</b>
Specimen Requirements:	<b>0.5 mL serum collected in red-top (no gel) tube Collect specimen in a non additive red-top tube; spin down immediately and pour off into a 13x75 plastic transport tube.</b>
Rejection Criteria:	<b>Serum separator tubes; Gross hemolysis; Moderate hemolysis; Gross lipemia; Gross icterus</b>
Transport Temperature:	<b>Frozen</b>
Specimen Stability:	<b>Room temperature: 72 hours Refrigerated: 7 days Frozen: 30 days</b>
Reference Ranges:	<b>See individual assays</b>
Methodology:	<b>Liquid Chromatography Tandem Mass Spectrometry</b>
Performing Site:	<b>Quest Diagnostics Nichols Institute, San Juan Capistrano</b>

<b>Steroid Panel, Congenital Adrenal Hyperplasia (CAH)</b> <i>Includes : Androstenedione * 11-Deoxycortisol * Cortisol * DHEA, Unconjugated * 17-Hydroxypregnenolone * Progesterone * 17-Hydroxyprogesterone * Testosterone, Total, LC/MS/MS * Deoxycorticosterone</i>	
Clinical Significance:	This panel is useful for the diagnosis/management of patients with the most common forms (21 hydroxylase or 11 hydroxylase deficiency) of congenital adrenal hyperplasia.
<b>Effective Date:</b>	<b>March 12, 2012</b>
Test Code:	<b>90398</b>
CPT Code(s):	<b>82157, 82634, 82533, 82626, 84143, 84144, 83498, 84403, 82633</b>
Specimen Requirements:	<b>0.5 mL serum collected in red-top (no gel) tube Collect specimen in a non additive red-top tube; spin down immediately and pour off into a 13x75 plastic transport tube.</b>
Rejection Criteria:	<b>Serum separator tubes; Gross hemolysis; Moderate hemolysis; Gross lipemia; Gross icterus</b>
Transport Temperature:	<b>Frozen</b>
Specimen Stability:	<b>Room temperature: 72 hours Refrigerated: 7 days Frozen: 30 days</b>
Reference Ranges:	<b>See individual assays</b>
Methodology:	<b>Liquid Chromatography Tandem Mass Spectrometry</b>
Performing Site:	<b>Quest Diagnostics Nichols Institute, San Juan Capistrano</b>

<b>Steroid Panel, 21-Hydroxylase Deficiency/Stress</b> <i>Includes: 17-Hydroxyprogesterone * Androstenedione * Cortisol</i>	
Clinical Significance:	This panel is of value in pediatric patients to differentiate between CAH (21 hydroxylase deficiency) and acute stress due to other causes.
<b>Effective Date:</b>	<b>March 12, 2012</b>
Test Code:	<b>90397</b>
CPT Code(s):	<b>83498, 82157, 82533</b>
Specimen Requirements:	<b>0.5 mL serum collected in red-top (no gel) tube Collect specimen in a non additive red-top tube; spin down immediately and pour off into a 13x75 plastic transport tube.</b>
Rejection Criteria:	<b>Serum separator tubes; Gross hemolysis; Moderate hemolysis; Gross lipemia; Gross icterus</b>
Transport Temperature:	<b>Frozen</b>
Specimen Stability:	<b>Room temperature: 72 hours Refrigerated: 7 days Frozen: 30 days</b>
Reference Ranges:	<b>See individual assays</b>
Methodology:	<b>Liquid Chromatography Tandem Mass Spectrometry</b>
Performing Site:	<b>Quest Diagnostics Nichols Institute, San Juan Capistrano</b>

<b>Steroid Panel, Polycystic Ovary Syndrome (PCOS)</b> <i>Includes: Testosterone, Total, LC/MS/MS * Testosterone, Free * DHEA, Unconjugated *Androstenedione</i>	
Clinical Significance:	This panel measures both the primary (free and total Testosterone) and secondary (Androstenedione and DHEA) androgens associated with PCOS; it is useful for diagnosis and management.
<b>Effective Date:</b>	<b>March 12, 2012</b>
Test Code:	<b>90424</b>
CPT Code(s):	<b>84403, 84402, 82626, 82157</b>
Specimen Requirements:	<b>1 mL serum collected in red-top (no gel) tube Collect specimen in a non additive red-top tube; spin down immediately and pour off into a 13x75 plastic transport tube.</b>
Rejection Criteria:	<b>Serum separator tubes; Gross hemolysis; Moderate hemolysis; Gross lipemia; Gross icterus</b>
Transport Temperature:	<b>Frozen</b>
Specimen Stability:	<b>Room temperature: 72 hours Refrigerated: 7 days Frozen: 30 days</b>
Reference Ranges:	<b>See individual assays</b>
Methodology:	<b>Liquid Chromatography Tandem Mass Spectrometry, Equilibrium Dialysis</b>
Performing Site:	<b>Quest Diagnostics Nichols Institute, San Juan Capistrano</b>

<b>Steroid Panel, PCOS/CAH Differentiation</b> <i>Includes: Testosterone, Total, LC/MS/MS * Testosterone, Free * DHEA, Unconjugated *Androstenedione * 17-Hydroxyprogesterone * 11-Deoxycortisol</i>	
Clinical Significance:	This panel is important in the differential diagnosis of PCOS vs. non-classical CAH in women with oligomenorrhea/amenorrhea and signs of androgen excess.
<b>Effective Date:</b>	<b>March 12, 2012</b>
Test Code:	<b>90426</b>
CPT Code(s):	<b>84403, 84402, 82626, 82157, 83498, 82634</b>
Specimen Requirements:	<b>1 mL serum collected in red-top (no gel) tube Collect specimen in a non additive red-top tube; spin down immediately and pour off into a 13x75 plastic transport tube.</b>
Rejection Criteria:	<b>Serum separator tubes; Gross hemolysis; Moderate hemolysis; Gross lipemia; Gross icterus</b>
Transport Temperature:	<b>Frozen</b>
Specimen Stability:	<b>Room temperature: 72 hours Refrigerated: 7 days Frozen: 30 days</b>
Reference Ranges:	<b>See individual assays</b>
Methodology:	<b>Liquid Chromatography Tandem Mass Spectrometry, Equilibrium Dialysis</b>
Performing Site:	<b>Quest Diagnostics Nichols Institute, San Juan Capistrano</b>

<b>Steroid Panel, Premature Adrenarche</b> <i>Includes: Androstenedione * 17-Hydroxyprogesterone * Testosterone, Total, LC/MS/MS *17-Hydroxypregnenolone * DHEA, Unconjugated</i>	
Clinical Significance:	This panel provides testing, along with DHEA Sulfate, for those hormones associated with a premature increase in adrenal androgens. This is usually seen in girls <8 years and boys <9 years of age with sexual hair.
<b>Effective Date:</b>	<b>March 12, 2012</b>
Test Code:	<b>90433</b>
CPT Code(s):	<b>82157, 83498, 84403, 84143, 82626</b>
Specimen Requirements:	<b>0.5 mL serum collected in red-top (no gel) tube Collect specimen in a non additive red-top tube; spin down immediately and pour off into a 13x75 plastic transport tube.</b>
Rejection Criteria:	<b>Serum separator tubes; Gross hemolysis; Moderate hemolysis; Gross lipemia; Gross icterus</b>
Transport Temperature:	<b>Frozen</b>
Specimen Stability:	<b>Room temperature: 72 hours Refrigerated: 7 days Frozen: 30 days</b>
Reference Ranges:	<b>See individual assays</b>
Methodology:	<b>Liquid Chromatography Tandem Mass Spectrometry</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>HIV-1 Coreceptor Tropism</b>	
<b>Effective Date:</b>	<b>March 5, 2012</b>
Test Code:	16710
Reference Ranges:	<b>CXCR4(X4): Accompanies report</b> MVC Activity Anticipated: Accompanies report
Performing Site:	Quest Diagnostics Nichols Institute, San Juan Capistrano

<b>HIV-1 Genotype</b>	
<b>Effective Date:</b>	<b>March 5, 2012</b>
Test Code:	34949
Reference Ranges:	<b>HIV-1 Genotype: Accompanies report</b>
Performing Site:	Quest Diagnostics Nichols Institute, San Juan Capistrano

<b>HIV-1 Genotype and Coreceptor Tropism with Reflex to Virtual Phenotype</b>	
<b>Effective Date:</b>	<b>March 5, 2012</b>
Test Code:	16431
<i>Former Test Name:</i>	<i>HIV-1 Virtual Phenotype and HIV-1 Coreceptor Tropism</i>
Reference Ranges:	<b>HIV -1 Genotype: Accompanies report</b> Phenotyping Interpretation: Accompanies Report <b>CXCR4(X4): Accompanies report</b> MVC Activity Anticipated: Accompanies Report
Performing Site:	Quest Diagnostics Nichols Institute, San Juan Capistrano
Additional Information	If HIV-1 Genotype result is Detected, then Virtual Phenotype will be performed at an additional charge (CPT code: 87900).

<b>HIV-1 Genotype and HIV-1 Coreceptor Tropism</b>	
<b>Effective Date:</b>	<b>March 5, 2012</b>
<b>Test Code:</b>	16430
Reference Ranges:	<b>HIV-1 Genotype: Accompanies report</b> <b>CXCR4(X4): Accompanies report</b> MVC Activity Anticipated: Accompanies report
Performing Site:	Quest Diagnostics Nichols Institute, San Juan Capistrano

<b>HIV-1 Genotype with Graphical Report</b>	
<b>Effective Date:</b>	<b>March 5, 2012</b>
Test Code:	11189
Reference Ranges:	<b>HIV-1 Genotype: Accompanies report</b>
Performing Site:	Quest Diagnostics Nichols Institute, San Juan Capistrano
Additional Information:	<b>Provide Value of Last Viral Load and Date Viral Load Collected</b>

<b>HIV-1 Genotype with Reflex to Virtual Phenotype</b>	
<b>Effective Date:</b>	<b>March 5, 2012</b>
Test Code:	10469
<i>Former Test Name</i>	<i>HIV-1 Virtual Phenotype for Drug Resistance to PPI and RTI</i>
Reference Ranges:	<b>HIV -1 Genotype: accompanies report</b> Phenotyping Interpretation: Accompanies Report
Performing Site:	Quest Diagnostics Nichols Institute, San Juan Capistrano
Additional Information	If HIV-1 Genotype result is Detected, then Virtual Phenotype will be performed at an additional charge (CPT code: 87900).

<b>HIV-1 Integrase Genotype</b>	
<b>Effective Date:</b>	<b>March 5, 2012</b>
Test Code:	16868
Reference Ranges:	<b>Raltegravir Resistance: Accompanies report</b>
Performing Site:	Quest Diagnostics Nichols Institute, San Juan Capistrano

<b>HIV-1 RNA, Quantitative PCR with Reflex to Genotype and Virtual Phenotype</b>	
<b>Effective Date:</b>	<b>March 5, 2012</b>
Test Code:	10435
<i>Former Test Name:</i>	<i>HIV-1 RNA, Quantitative PCR with Reflex to Virtual Phenotype</i>
Reference Ranges:	Copies/mL: <20 Copies/mL Log copies/mL: <1.30 Log copies/mL <b>HIV -1 Genotype: accompanies report</b> Phenotyping Interpretation: Accompanies Report
Performing Site:	Quest Diagnostics Nichols Institute, San Juan Capistrano
Additional Information:	If HIV-1 RNA, Quant result is > or = 400, then HIV-1 Genotype will be performed at an additional charge (CPT code: 87901) If the Genotype result is Detected, then Virtual Phenotype will be performed at can additional charge (CPT code: 87900)

<b>HIV-1 RNA, Quantitative bDNA with Reflex to HIV-1 Genotype</b>	
<b>Effective Date:</b>	<b>March 5, 2012</b>
Test Code:	10596
Reference Ranges:	Copies/mL (VERSION 3.0): <75 copies/mL Log copies/mL (VERSION 3.0): <1.88 Log copies/mL <b>HIV -1 Genotype: Accompanies report</b>
Performing Site:	Quest Diagnostics Nichols Institute, San Juan Capistrano
Additional Information:	If HIV-1 RNA, Quantitative bDNA (v3.0) result is > or= 75 copies/mL, then HIV-1 Genotype will be performed at an additional charge (CPT code: 87901)

<b>HIV-1 RNA, Quantitative PCR w/Reflex to Genotype</b>	
<b>Effective Date:</b>	<b>March 5, 2012</b>
Test Code:	34471
Reference Ranges:	Copies/mL: <20 Copies/mL Log copies/mL: <1.30 Log copies/mL <b>HIV -1 Genotype: Accompanies report</b>
Performing Site:	Quest Diagnostics Nichols Institute, San Juan Capistrano
Additional Information:	If HIV-1 RNA, Quant result is > or = 400, then HIV-1 Genotype is performed at an additional charge (CPT code: 87901)

<b>PTH, Intact, Fine Needle Aspirate</b>	
<b>Effective Date:</b>	<b>March 5, 2012</b>
Test Code:	16560
Reference Ranges:	<b>&lt; or = 30 pg/mL</b>
Performing Site:	Quest Diagnostics Nichols Institute, San Juan Capistrano

<b>AccuType® CP, Clopidogrel CYP2C19 Genotype</b>	
<b>Effective Date:</b>	<b>March 12, 2012</b>
Test Code:	16924
CPT Code(s):	83891, 83892 (x2), 83900; <b>83901 (x4)</b> , 83909, <b>83914 (x10)</b> , 83912 or <b>81225*</b> <b>*The 2012 AMA CPT codebook contains Tier 1 and Tier 2 Molecular Pathology Procedures as well as Molecular Pathology Procedures to be coded by procedure rather than analyte. Please direct any questions regarding coding to the payor being billed.</b>
Performing Site:	Quest Diagnostics Nichols Institute, San Juan Capistrano
Additional Information:	<b>This assay has been enhanced to include 5 additional CYP2C19 variants to the existing test: (CYP2C19*6, CYP2C19*7, CYP2C19*8, CYP2C19*9, CYP2C19*12). Update Always Message to reflect change in Exons.</b>

<b>Testosterone, Total, LC/MS/MS</b>				
<b>Effective Date:</b>	<b>March 12, 2012</b>			
Test Code:	15983			
Reference Ranges:	<b>Males</b>	<b>&gt; or = 18 years</b>	<b>250-1100</b>	<b>ng/dL</b>
	<b>Females</b>	<b>&gt; or = 18 years</b>	<b>2- 45</b>	<b>ng/dL</b>
Performing Site:	Quest Diagnostics Nichols Institute			
Additional Information:	Please note this change also applies to the following test codes: <ul style="list-style-type: none"> <li>• 14966 - Testosterone, Free, Bioavailable, and Total, LC/MS/MS</li> <li>• 36170 - Testosterone, Free and Total, LC/MS/MS</li> </ul> Please note this test is included in the following groups codes: <ul style="list-style-type: none"> <li>• 15269 - CAH Panel 1 (21-Hydroxylase vs 11Beta-Hydroxylase Deficiency)</li> <li>• 15277 - CAH Panel 7 (21-Hydroxylase Deficiency Therapeutic Monitoring)</li> <li>• 15279 - CAH Panel 8 (17-Hydroxylase Deficiency in Males)</li> <li>• 10299 - CAH Panel 6B (Comprehensive Screen)</li> <li>• 16978 - CAH Panel 6C (Full Screen)</li> </ul>			

<b>Hyperglycosylated hCG (h-hCG)</b>	
<b>Effective Date:</b>	<b>March 19, 2012</b>
Test Code:	11303
Transport Temperature:	<b>Refrigerated</b>
Specimen Stability:	<b>Room temperature and Refrigerated: 7 days</b>
Performing Site:	Quest Diagnostics Nichols Institute, San Juan Capistrano

<b>Levetiracetam</b>	
<b>Effective Date:</b>	<b>March 19, 2012</b>
Test Code:	15142
<i>Former Test Name:</i>	<i>Levetiracetam (Keppra)</i>
Specimen Requirements:	1 mL serum <b>Collected in Red-Top tube (No gel). Collect at trough level (i.e. immediately prior to next dose). Avoid use of serum separator tubes as the drug may be adsorbed to the gel.</b>
Transport Temperature:	<b>Room temperature</b>
Specimen Stability:	<b>Room temperature: 14 days</b> <b>Refrigerated: 28 days</b> <b>Frozen: 60 days</b>
Methodology:	<b>Liquid Chromatography Tandem Mass Spectrometry</b>
Performing Site:	Quest Diagnostics Nichols Institute Chantilly.

<b>Marijuana Metabolite, Quantitative, Urine</b>	
<b>Effective Date:</b>	<b>March 19, 2012</b>
Test Code:	26514
<i>Former Test Name:</i>	<i>Marijuana Metabolite Verification &amp; Quantification</i>
Specimen Stability:	<b>Room temperature: 5 days</b> <b>Refrigerated: 7 days</b> <b>Frozen: 30 days</b>
Performing Site:	Quest Diagnostics Nichols Institute, Chantilly.
Additional Information:	Please note this test is a component in <u>numerous group codes including but not limited to:</u> <ul style="list-style-type: none"> <li>• 19607 - Drug Panel 6, QN</li> <li>• 19611 - Drug Panel 10-50, QN</li> <li>• 19613 - Drug Panel 10-20</li> <li>• 19614 - Drug Panel 10</li> </ul>

## Discontinued Tests

<b>FISH, Microdeletion Syndromes Panel</b>	
<b>Effective Date:</b>	<b>March 19, 2012</b>
Test Code:	37559
Additional Information:	The recommended alternative is 16478 - Genomic Alterations, Postnatal, ClariSure® Oligo-SNP Array

<b>FISH, SKY® Marker Chromosome</b>	
<b>Effective Date:</b>	<b>March 19, 2012</b>
Test Code:	11122
Additional Information:	The recommended alternative is 16478 - Genomic Alterations, Postnatal, ClariSure® Oligo-SNP Array

<b>Sucrose Hemolysis Test</b>	
<b>Effective Date:</b>	<b>March 19, 2012</b>
Test Code:	30235
Additional Information:	The recommended alternative is 16433 - PNH with FLAER (High Sensitivity)

<b>Acid Hemolysis Test</b>	
<b>Effective Date:</b>	<b>March 19, 2012</b>
Test Code:	5512
Additional Information:	The recommended alternative is 16433 - PNH with FLAER (High Sensitivity)

<b>Proteasome Activity, Plasma-based, Leumeta®</b>	
<b>Effective Date:</b>	<b>March 19, 2012</b>
Test Code:	16144
Additional Information:	There is no recommended alternative.