Laboratory Update

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Business Unit: Quest Diagnostics Nichols Institute, Valencia

November/December 2011 Updates

Dear Colleague,

Proficiency Test Reminder: Please ensure that you do not send your proficiency test (PT_ samples to Quest Diagnostics for testing, even if you send such testing to Quest Diagnostics for your patient testing.

Federal regulations prohibit the referral, or communication, of proficiency test material or data during an active survey, even if it is inadvertent. Unintentional referral of proficiency testing can occur if you have automated systems that generate a referral for reflexive testing OR if you store your proficiency testing samples in Quest Diagnostics specimen transport bags or in areas where our couriers' pick-up samples from your laboratory. If Quest Diagnostics receives proficiency test samples from another laboratory we are obligated by law to notify the federal government. Review the brochure identified below to identify ways to prevent inadvertent proficiency test referrals.

The Center for Medicare and Medicaid Services (CMS) – Clinical Laboratory Improvement Amendments (CLIA) Program has made available on the CMS website an informative brochure should you require additional information,
http://www.cms/gov/CLIA/downloads/CLIAbrochure8.pdf

Please note that we did not send a Laboratory Update during the month of September and therefore there may be a few more changes reflected in this letter. Most changes have been scheduled to occur in late November and early December to ensure minimal database maintenance.

Thank you for choosing Quest Diagnostics Nichols Institute, Valencia and for your continued support. For additional information, we invite you to visit our Web site at *www.NicholsInstitute.com/Valencia* or contact Client Relations at 800-421-4449.

Respectfully Yours,

Powers Peterson, M.D , FASCP, FCAP
Medical Director

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Page Number	Test Name	Test Code(s)	Change in Performing Site	Test Code	Test Name	Specimen Requirements	Minimum Volume	Shipping Temperature	Stability	Units of Measure	Reference Range	Methodology	CPT Codes	Reject Criteria	Other (see listing)
22	Amikacin	4900			x	x	x	x					x	x
28	Anti-Mullerian Hormone AssessR™	3138						X						
17	Arsenic Whole Blood	4867W						x						
28	Beta-Thalassemia Screen	4970												x
17	Buprenorphine, Quant, Urine	4419U				x		x						
23	Cholinesterase, Serum	3123		x		x		x					x	
29	Coenzyme Q10	7534			x	x	x	X						x
23	Creatinine, 24 Hr. Urine	1320U		x						x	x			x
18	G-6-PD, RBC	1398		x	x			x						
24	Growth Hormone (GH)	3182		x							x		x	x
24	Growth hormone (GH), 2 Specimens	3171		x							x		x	x
25	Growth hormone (GH), 3 Specimens	3175		x							x		x	x
25	Growth hormone (GH), 4 Specimens	3185		x							x		x	x
26	Growth hormone (GH), 5 Specimens	3195		x							x		x	x
30	HCV RNA, Quantitative Real-Time PCR	7534												x
18	Heavy Metals Comprehensive Panel, Random Urine	4873W				x		x						
30	Hepatitis B Surface Antibody, Quantitation	2448		x		x				x	x			x
12	Hepatitis C Viral RNA, Qualitative TMA	7516			x	x		x					x	
13	Hepatitis C Viral RNA, Qualitative W/Rfx	7518			x			x					x	
14	Hepatitis C Viral RNA, Quantitative BDNA	7486												x
30	HIV-1 RNA Quantitative, bDNA & CD4 Cell Count	9872								x				
31	HIV-2 Abs W/Reflex WB	9921		x										x
18	Inhibin A	3984			x			x					x	
19	Inhibin B	3982						x		x				
19	Kappa & Lambda Light Chain Urine Random	1741UR					x							x
14	Lacosamide, LC/MS/MS	16262										x		
26	Lactic Acid, Plasma	4128		x			x				x			
31	Legionella pneumophila Total Antibodies, Pooled	8246												x
31	Levetiracetam	4963						x						x
31	Lp-PLA2 (Lipoprotein-Associated Phospholipase	3470												x
18	Mercury Whole Blood	4060UR			x			x						
18	Methadone and Metabolite, Quant, Urine	4192U		x				x						
31	Mycobacterium tuberculosis (Direct Test)	7475			x	x		x						
19	Natural Killer Cell Quantitation	1872		x	x					x				
32	Nicotine and Cotinine, LC/MS/MS, Serum/Plasma	4190		x	x	x		x		x				x
33	Nicotine and Cotinine, LC/MS/MS, Urine	4190U		x	x	x		x		x				x

Page Number	Test Name	Test Code(s)	Change in Performing Site	Test Code	Test Name	Specimen Requirements	Minimum Volume	Shipping Temperature	Stability	Units of Measure	Reference Range	Methodology	CPT Codes	Reject Criteria	Other (see listing)
33	Nuclear Matrix Proteins (NMP)	9620													x
26	Osteocalcin, N-mid	3550									x				x
15	Pain Management Benzodiazepines Screen	4630U									x				
15	Pain Management Benzodiazepines, Quant, Urine	4628U									x				
15	Pain Management Clonazepam Metabolite,Quant,	4697U									x				
21	Partial Thromboplastin Time, Activated (aPTT)	3895				x	x	x	x		x	x			
19	Primidone	4146							x						
27	proBNP,N-terminal	7530			x	x	x		X					x	x
27	Prostatic Acid Phos (PAP)	3100					x	x	X			x			x
20	Prothrombin Time with INR	3892			x	x	x	x	x		x	x			
16	Rapid Respiratory Virus Culture	2503			x	x			x						x
28	Sex Hormone Binding Globulin (SHBG)	3218										x			x
33	Sickle Cell MonitR™|	4985													x
17	SureSwab(TM), Bacterial Vaginosis DNA,	16898							x						
17	SureSwab(TM), Candidiasis, PCR	16494							x						
34	Testosterone, Free, LC/MS/MS	3201				x	x				x	x			
34	Testosterone, Total, LC/MS/MS	3921												x	
21	Thrombotic Risk Evaluation 3	5973													x
34	Thyroid Stimulating Immunoglobulins	1092			x		x	x				x		x	
35	Tramadol and Metabolite, Quant, Urine	4251U			x						x				x
21	Uric Acid	1310							x						x
17	VDRL	2366							x						x
17	VDRL, CSF	2366C													x

New Test Offerings

Carisoprodol Screen w/reflex Confirmation		
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:	Immediate	
Test Code:	**90578**	
CPT Code(s):	80101 (Screen) 83805 (confirmation)	
Specimen Requirements:	Type: Opt Volume: Min Volume: Collection Instructions:	Random Urine 10.0 2.0 Collect 10 mL random urine, Submit in sterile, leak-proof container. No preservative.
Rejection Criteria:	Specimens with preservative.	
Transport Temperature:	Room Temperature	
Specimen Stability:	Room Temperature: Refrigerated: Frozen:	28 Days 28 days 28 days
Set-Up/Analytic Time:	Set Up: Tues, Fri; Report Available: 1-4 days	
Reference Ranges:	Carisoprodol urine	Negative
Methodology:	Enzyme Immunoassay	
Performing Site:	Quest Diagnostics Nichols Institute, Valencia	
Additional Information:	If screen is positive allow additional time for confirmation testing. Positive screen results automatically reflex for confirmation at an additional fee.	
Always Message:	This test was performed using a forensic kit that is intended for the qualitative and semi-quantitative determination of Carisoprodol in human urine and has not been cleared or Approved by the FDA for diagnostic purposes. The analytical performance characteristics of this test have been determined by Quest Diagnostics Nichols Institute, Valencia. This test should not be used for diagnosis without confirmation by other, more specific, confirmatory Analytical methodologies.	
CPU Interface Mapping:	Result Code:	Result Name:
	86007932	Carisoprodol
Reflex code: RNM	85997528	Meprobamate (confirm)

Herpes Simplex Virus, Type 1/2 DNA, Real-Time PCR, Pap Vial *** This test is not available for New York State patient testing. There is no recommended alternative for New York patient testing.*		
Clinical Significance:	This test is used to detect Herpes simplex virus in specimens collected in PreservCyt (ThinPrep) solution.	
Effective Date:	Immediate	
Test Code:	**90569**	
CPT Code(s):	87529 x 2	
Specimen Requirements:	Type: Opt Volume: Min Volume: Collection Instructions:	PreservCyt (ThinPrep) PCYT Alternate: PreservCyt (Aptima Trans.) PCYTA PCYT 2.0 mL PCYTA: 3.0 mL PCYT 1.0 mL PCYTA: 1.0 mL Place PreservCyt specimen in a sterile tube prior to submission.
Rejection Criteria:	Specimens in broken containers, Specimens exceeding stability time limits, Non-validated specimen types, Specimens in other transport or collection solutions. PreservCyt material already processed for cytology; PreservCyt with excess mucus.	
Transport Temperature:	Room Temperature or Refrigerated	
Specimen Stability:	Room Temperature: Refrigerated: Frozen:	14 Days 30 Days 30 Days
Set-Up/Analytic Time:	Set Up: Mon-Sat; Report Available: 3 Days	
Reference Ranges:	HSV 1 DNA	Not detected
	HSV 2 DNA	Not detected
Methodology:	RT-PCR	
Performing Site:	Quest Diagnostics Nichols Institute, Valencia	
CPU Interface Mapping:	Result Code:	Result Name:
	86007917	HSV 1 DNA
	86007918	HSV 2 DNA

HIV-1/HIV-2 Antibodies [EIA] w/Reflex WB + Bands		
Clinical Significance:	HIV-1 is the causative agent of AIDS (acquired immune deficiency syndrome) in humans. The HIV virus infects T-lymphocytes, resulting in immune deficiencies, manifested in such diseases as Kaposi's sarcoma, pneumonia, and various infections. HIV-2 is a comparable T-lymphocytic retrovirus that is less virulent, but is becoming more widespread worldwide. HIV-2 is more common outside of the United States, but cases have been reported in the U.S. HIV-2 antibody cross-reacts with HIV-1 antigen, requiring a specific HIV-2 western blot to confirm antibody positives. This test code provides an initial combo enzyme immunoassay screening test for HIV-1 and HIV-2, reflexing to HIV-1 and HIV-2 western blots, reporting which specific bands are present.	
Effective Date	Immediate	
Test Code:	**9915B**	
CPT Code(s):	86703	
Specimen Requirements:	Type: Opt Volume: Min Volume:	Serum Alternate: Plasma EDTA, Plasma ACD, Plasma Citrated, Plasma Heparin 1.5mL 1.0 mL
Transport Temperature:	Room temperature	
Specimen Stability:	Room Temperature: 7 days Refrigerated: 14 days Frozen: 2 months	
Set-Up/Analytic Time:	Set-up: Tue-Sat; Report Available: 1-3 days	
Reference Ranges:	HIV-1/HIV-2 Abs [EIA]	Nonreactive
Methodology:	Enzyme Immunoassay	
Performing Site:	Quest Diagnostics Nichols Institute, Valencia	
Additional Information:	If HIV-1/HIV-2 EIA is Reactive, HIV-1 Abs + Bands [WB], test is reflexed (panel REV). If HIV-1 Abs + Bands [WB] is Negative or Indeterminate, HIV-2 Abs test is reflexed (panel RFO). If HIV-2 Abs is Reactive, HIV-2 Abs [WB], (panel RDY), is performed. All reflex testing is performed for additional fees.	
Always Message:	This information is protected by various state laws specific to client location and, in such cases, cannot be further disclosed without the patient's specific written consent, or as otherwise permitted by law.	
CPU Interface Mapping:	Result Code:	Result Name:
	200301	HIV-1/HIV-2 Abs [EIA]

Pain Management CYP450 2D6/2C19 Geno, Qualitative		
Clinical Significance:	Identifies CYP2D6 and CYP2C19 genotypes to aid clinicians in determining therapeutic strategy and treatment dose for therapeutics that are metabolized by the CYP2D6 or CYP2C19 gene product.	
Effective Date:	Immediate	
Test Code:	**18946 (18947-NY)**	
CPT Code(s):	83891, 83892 (x2), 83900 (x2), 83901 (x2), 88385-TC	
Specimen Requirements:	Type: Opt Volume: Min Volume: Collection Instructions:	Whole Blood 5 mL 3 mL Blood should be collected in EDTA tubes. Clotted, hemolyzed or heavily lipemic samples will be rejected.
Transport Temperature:	Room Temperature within 24 hours	
Specimen Stability:	Room Temperature: Refrigerated: Frozen:	7 days 30 days 7 weeks
Set-Up/Analytic Time:	Set Up: Monday; Report Available: 7 - 10 days	
Reference Ranges:	Result	Mutation Not Detected
	CYP2C19	
	CYP2D6	
	Interpretation	
	Drug Information	
	Laboratory Director	
Methodology:	PCR and microarray	
Performing Site:	Quest Diagnostics Nichols Institute, Valencia	
CPU Interface Mapping:	Result Code:	Result Name:
	86006794	Result
	86008125	CYP2C19
	86008126	CYP2D6
	86006795	Interpretation
	86008127	Drug Information
	86006796	Laboratory Director

SureSwab®, Herpes Simplex Virus Type 1/2 DNA, Real-Time PCR *** This test is not available for New York State patient testing. There is no recommended alternative for New York patient testing.*		
Clinical Significance:	This test is used to detect Herpes simplex virus from vaginal samples collected in Aptima® vaginal swab transport media.	
Effective Date:	Immediate	
Test Code:	**90570**	
CPT Code(s):	87529 x 2	
Specimen Requirements:	Type: Opt Volume: Min Volume: Collection Instructions:	Vaginal (Aptima® Vag Swb) 3.0 mL 0.4 mL 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. Samples containing heparin, samples in leaking, uncapped or broken containers, samples QNS or exceeding stability will be rejected. Avoid Freeze/Thaw of collected samples.
Rejection Criteria:	Samples containing heparin, samples in leaking, uncapped or broken containers, samples QNS or exceeding stability will be rejected.	
Transport Temperature:	Refrigerated	
Specimen Stability:	Room Temperature: Refrigerated: Frozen:	48 Hour(s) 7 Day(s) 30 day(s)
Set-Up/Analytic Time:	Set Up: Mon-Sat; Report Available: 3 Days	
Reference Ranges:	HSV DNA 1	Not detected
	HSV DNA 2	Not detected
Methodology:	RT-PCR	
Performing Site:	Quest Diagnostics Nichols Institute, Valencia	
Always Message:	This test(s) was developed and its performance characteristics have been determined by Quest Diagnostics Nichols Institute, Valencia, CA. Performance characteristics refer to the analytical performance of the test.	
CPU Interface Mapping:	Result Code:	Result Name:
	86007919	HSV 1 DNA
	86007920	HSV 2 DNA

Pain Mgmt, Tapentadol, QN, w/medMATCH, U			
Clinical Significance:	The purpose of this test is to determine the presence of Tapentadol and Nortapentadol (metabolite) in urine. The results of this test are used in specific therapeutic treatment programs and Pain Management settings to determine compliance with prescribed dosing schedules.		
Effective Date:	Immediate		
Test Code:	**90244**		
CPT Code(s):	83789		
Specimen Requirements:	Type: Opt Volume: Min Volume:	Random Urine 20.0 mL 5.0 mL	
Rejection Criteria:	Preserved specimen		
Transport Temperature:	Room Temperature		
Specimen Stability:	Room Temperature: Refrigerated: Frozen:	5 Days 7 Days 30 Days	
Set-Up/Analytic Time:	Set Up: Tues-Sat; Report Available: 1-3 Days		
Reference Ranges:	Tapentadol Nortapentadol	< 50 ng/mL < 50 ng/mL	
Methodology:	Mass Spectrometry		
Performing Site:	Quest Diagnostics Nichols Institute, Valencia		
CPU Interface Mapping:	Result Code:	Result Name:	
	82090100	Prescribed Drug 1	
	82090110	Prescribed Drug 2	
	82090120	Prescribed Drug 3	
	82090130	Prescribed Drug 4	
	82090140	Prescribed Drug 5	
	82090191	Report Comments	
	82000670	Tapentadol	
	82000671	medMATCH Tapentadol	
	82000672	Nortapentadol	
	82000673	medMATCH Nortapentadol	

Trichomonas vaginalis RNA, Qualitative TMA, PAP Vial		
Clinical Significance:	This test is used to detect Trichomonas vaginalis in specimens collected in PreservCyt (ThinPrep) solution. The test has greater analytical sensitivity than culture methods**.**	
Effective Date:	Immediate	
Test Code:	**90521**	
CPT Code(s):	87798	
Specimen Requirements:	Type: Opt Volume: Min Volume: Collection Instructions:	PreservCyt (ThinPrep) PCYT Alternate: PreservCyt (Aptima Trans.) PCYTA PCYT 2.0 mL; PCYTA: 3.9 mL PCYT 1.0 mL; PCYTA: 2.0 mL Transport and store the PreservCyt Solution specimen at 2°C to 30°C for up to 30 days. Specimens collected in PreservCyt Solution must be transferred into an APTIMA® specimen transfer tube according to the instructions in the transfer kit package insert or into APTIMA® vaginal swab specimen collection tube prior to testing. After transfer to an APTIMA® specimen transfer tube, specimens may be stored an additional 14 days at 15°C to 30°C or 30 days at 2°C to 8°C. If longer storage is needed, the PreservCyt Solution specimen or the PreservCyt Solution liquid Pap specimen diluted into the specimen transfer tube may be stored at ≤ –20°C for up to 180 days after transfer.
Rejection Criteria:	PreservCyt material already processed for cytology; PreservCyt with excess mucus.	
Transport Temperature:	Room Temperature or Refrigerated	
Specimen Stability:	Room Temperature: Refrigerated: Frozen:	14 Days 30 Days 180 Days
Set-Up/Analytic Time:	Set Up: Mon-Sat; Report Available: 3 Days	
Reference Ranges:	T. vaginalis RNA, QL, TMA	Not detected
Methodology:	TMA	
Performing Site:	Quest Diagnostics Nichols Institute, Valencia	
Additional Information:	For vaginal, endocervical, or female urine samples collected in Aptima transport media, please order DOS code [19550] SureSwab, Trichomonas vaginalis RNA, Qualitative TMA.	
Always Message:	This test was performed using the APTIMA® Trichomonas vaginalis Assay (GEN-PROBE®).	
CPU Interface Mapping:	Result Code:	Result Name:
	86007882	T. vaginalis RNA, QL TMA

Cholinesterase, Serum, Plasma, RBC			
Clinical Significance:	True Cholinesterase (RBC and plasma) activity is decreased in individuals with exposure to organophosphorous insecticides. True Cholinesterase, found in erythrocytes and nerve tissue, is responsible for inactivating acetylcholinesterase at nerve endings. With decreased enzyme activity, patients may display a range of nervous system dysfunction. Analysis of RBC and serum or plasma activity is useful in monitoring exposure and recovery.		
Effective Date:	December 6, 2011		
Test Code:	**39481**		
CPT Code(s):	82482,82480 (x2)		
Specimen Requirements:	Type: Opt Volume: Min Volume: Collection Instructions:	Plasma (lavender top, EDTA), Whole Blood (lavender top, EDTA), Serum (red top, no gel) 5.0 mL whole blood;1.0 mL Plasma; 1.0 mL Serum 4.0 mL whole blood; 0.5 mL Plasma; 0.5 mL Serum Draw two lavender (EDTA) tubes of whole blood and one serum red top or SST tube. Spin serum red top or SST and pour serum into plastic aliquot tube. Spin one of the lavender tubes and pour plasma into plastic aliquot tube (Label this vial as Plasma). Send one refrigerated uncentrifuged whole blood and 1 refrigerated plasma and 1 refrigerated serum. Do not send packed cells. Do not send only one tube of whole blood. Plasma cholinesterase results, as well as the calculated RBC cholinesterase results, are not accurate if plasma sample is not separated from the RBC's in a timely manner. Hemolyzed plasma samples are not acceptable. Hemolysis can lead to apparent increases in plasma cholinesterase activity, and could mask an enzyme deficiency.	
Rejection Criteria:	Hemolyzed or lipemic specimens are not acceptable.		
Transport Temperature:	Refrigerated		
Specimen Stability:	Room Temperature: Refrigerated: Frozen:	24 hours 7 days Unacceptable	
Set-Up/Analytic Time:	Set Up: Mon-Fri; Report Available: 1-3 days		
Reference Ranges:	Cholinesterase, Serum	Females: 2673-6592 IU/L Males: 3342-7586 IU/L	
	Cholinesterase, RBC	9572-15031 IU/L	
	Cholinesterase, Plasma	Females: 2504-6297 IU/L Males: 3334-7031 IU/L	
Methodology:	Kinetic Spectrophotometric		
Performing Site:	Quest Diagnostics Nichols Institute, Valencia		
Additional Information:	Temperature for this new panel also affects 3123R		
CPU Interface Mapping:	Result Code:	Result Name:	
	85993907	Cholinesterase, Serum	
	85988760	Cholinesterase, RBC	
	85989330	Cholinesterase, Plasma	

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.

Hepatitis C Viral RNA, Qualitative TMA		
Effective Date:	Immediate	
Test Code:	**7516**	
Specimen Requirements:	Type: Opt Volume: Min Volume: Collection Instructions:	Plasma PPT (preferred), Plasma EDTA, Plasma ACD, Serum 2.0 mL 0.6 mL Plasma: Collect blood in sterile tubes containing EDTA anticoagulant; either 0.15% solution v/v final EDTA K3 (standard EDTA tube) or 9 mg spray-dried EDTA K2 (Plasma Preparation Tube or PPT tube with plasma separator-gel, preferred). Store whole blood at room temperature and centrifuge within 6 hours of collection. Transfer plasma collected in standard EDTA tubes to sterile, plastic, screw-capped, aliquot tubes and store at - 18 degrees C or colder. Do not clarify plasma by filtration or further centrifugation. Avoid repeated freezing and thawing of specimen. Note: If blood is collected in a PPT tube, centrifuge within 6 hours of collection as before, but it is not necessary to remove the plasma and transfer to aliquot tubes. Following centrifugation, a gel barrier maintains separation of plasma from cellular components, during specimen transport and storage, and unlike standard VACUTAINER Brand blood collection tubes, the PPT tube is plastic and hence the plasma can be shipped and stored frozen in the original tube. Serum: Collect blood in sterile tubes with no anticoagulants; serum separator tubes (SSTs) are recommended. Allow blood to clot at room temperature and separate serum from cells within 6 hours of collection. Transfer serum to sterile, plastic, screwcapped, aliquot tubes and store at -18 degrees C or colder. Avoid repeated freezing and thawing of specimen.
Rejection Criteria:	Thawed or room temperature samples; Unspun PPT tube	
Specimen Stability:	Room Temperature Refrigerated: Frozen:	Unacceptable Refrigerated: 48 Hours Frozen: 30 Days

Hepatitis C Viral RNA, Qualitative W/Rfx Quantitative BDNA		
Effective Date:	Immediate	
Test Code:	**7518**	
Specimen Requirements:	Collection Instructions:	Plasma: Collect blood in sterile tubes containing EDTA anticoagulant; either 0.15% solution v/v final EDTA K3 (standard EDTA tube) or 9 mg spray-dried EDTA K2 (Plasma Preparation Tube or PPT tube with plasma separator-gel, preferred). Store whole blood at room temperature and centrifuge within 6 hours of collection. Transfer plasma collected in standard EDTA tubes to sterile, plastic, screw-capped, aliquot tubes and store at - 18 degrees C or colder. Do not clarify plasma by filtration or further centrifugation. Avoid repeated freezing and thawing of specimen. Note: If blood is collected in a PPT tube, centrifuge within 6 hours of collection as before, but it is not necessary to remove the plasma and transfer to aliquot tubes. Following centrifugation, a gel barrier maintains separation of plasma from cellular components, during specimen transport and storage, and unlike standard VACUTAINER Brand blood collection tubes, the PPT tube is plastic and hence the plasma can be shipped and stored frozen in the original tube. Serum: Collect blood in sterile tubes with no anticoagulants; serum separator tubes (SSTs) are recommended. Allow blood to clot at room temperature and separate serum from cells within 6 hours of collection. Transfer serum to sterile, plastic, screwcapped, aliquot tubes and store at -18 degrees C or colder. Avoid repeated freezing and thawing of specimen**.**
Rejection Criteria:	Thawed or room temperature samples; Unspun PPT tube	
Specimen Stability:	 Room Temperature: Refrigerated: Frozen:	Plasma PPT, Plasma ACD, Plasma EDTA, Serum Unacceptable 48 Hours 30 Days

Hepatitis C Viral RNA, Quantitative BDNA		
Effective Date:	Immediate	
Test Code:	**7486**	
Specimen Requirements:	Collection Instructions:	Plasma: Collect blood in sterile tubes containing EDTA (K2) or ACD. Store whole blood at room temperature (18 to 30 degrees C) for up to 4 hours prior to centrifugation. Do not refrigerate. Separate plasma samples by centrifugation at 1000 x g for 10 to 15 minutes and use standard laboratory procedures to remove the plasma. Plasma: Collect in K2 Plasma Preparation Tubes (PPTs). Store whole blood at room temperature (18 to 30 degrees C) for up to 2 hours prior to centrifugation. Separate plasma samples by centrifugation at 1000 x g for 10 to 15 minutes and use standard laboratory procedures to remove the plasma. After centrifugation, plasma may be stored in the PPT tube (up to 48 hours refrigerated before freezing) or use standard laboratory procedures to remove the plasma. Do not clarify plasma by filtration or further centrifugation. Serum: Collect blood in a sterile tube with no anticoagulants; serum separator tubes (SSTs) are recommended. Allow blood to clot at room temperature, and centrifuge within 4 hours to separate serum from cells. Use standard laboratory procedures to aseptically remove serum from the clot within 4 hours of blood collection.

Lacosamide, LC/MS/MS	
Effective Date:	Immediate
Test Code:	**16262**
CPT Code(s):	80299

Pain Management Benzodiazepines, Quant, Urine		
Effective Date:	Immediate	
Test Code:	**4628U**	
Reference Ranges:	Alphahydroxyalprazolam	< 50 ng/mL
	Alphahydroxytriazolam	< 50 ng/mL
	Lorazepam	< 50 ng/mL
	Midazolam	< 50 ng/mL
	Nordiazepam	< 50 ng/mL
	Oxazepam	< 50 ng/mL
	Temazepam	< 50 ng/mL

Pain Management Benzodiazepines Screen w/Confirmation, Urine		
Effective Date:	Immediate	
Test Code:	**4630U**	
Reference Ranges:	Alphahydroxyalprazolam	< 50 ng/mL
	Alphahydroxytriazolam	< 50 ng/mL
	Lorazepam	< 50 ng/mL
	Midazolam	< 50 ng/mL
	Nordiazepam	< 50 ng/mL
	Oxazepam	< 50 ng/mL
	Temazepam	< 50 ng/mL

Pain Management Clonazepam Metabolite, Quant, Urine		
Effective Date:	Immediate	
Test Code:	**4697U**	
Reference Ranges:	Aminoclonazepam	< 25 ng/mL

Rapid Respiratory Virus Culture		
Effective Date:	Immediate	
Test Code:	**2503**	
Former Test Name:	*Viral Culture, Respiratory*	
Specimen Requirements:	Collection Instructions:	1. Source of specimen is required, please include on requisition. 2. Specimens should be collected early in the acute phase of infection. The chance of virus recovery is best during the first 3 days after onset and is greatly reduced beyond 5 days with many viruses. 3. Acceptable specimens: Nasal swab/washings/aspirate, bronchial. 4. Unacceptable specimens: Throat swabs on patients less than 2 years of age; formalin or other fixatives; any specimen nucleic acid transport system; non-respiratory sites; whole blood, serum or plasma; dry swab; samples received ambient or frozen at -20 degrees C; samples received in transports designed for specific test kits(i.e., DNA Probes, PCR, Digene, etc.) 5. Specimens received more than 72 hours from time of draw must be frozen at -70C (not -20C) or on dry ice. Do not freeze specimen at -20 C. Virus loses infectivity. 6. Ship specimens on cold pack or on dry ice. 7. M4 transport media (M4) and dacron-tipped swabs with plastic or fine-wire shafts available for use with M4 are provided. Please call Client Services, 800-421-4449 to request media.
Specimen Stability:	Room Temperature: Refrigerated: Frozen:	Unacceptable Viral transport 4 Days M4 Transport Media/Swab 4 Days Sterile Container/Tube 72 Hours Swab Viral Transport 4 Days Viral transport 1 month M4 Transport Media/Swab 1 month Swab Viral Transport 1 month
CPU Interface Mapping:	Result Code:	Result Name:
	211386	Screen
	211387	Adenovirus
	211388	Influenza A
	211389	Influenza B
	211390	Parainfluenza 1
	211391	Parainfluenza 2

	211392	Parainfluenza 3
	211393	RSV

SureSwab(TM), Bacterial Vaginosis DNA, Quantitative RT-PCR		
Effective Date:	Immediate	
Test Code:	**16898**	
Specimen Stability:	Room Temperature:	7 Days
Always Message:	Also affects 15509, 16491, 17333	

SureSwab(TM), Candidiasis, PCR		
Effective Date:	Immediate	
Test Code:	**16494**	
Specimen Stability:	Room Temperature: Refrigerated:	14 Days 14 Days
Always Message:	Also affects 16495	

VDRL		
Effective Date:	Immediate	
Test Code:	**2366**	
Specimen Stability:	Frozen:	2 Months
Always Message:	The serum VDRL is a non-treponemal-specific test; therefore, a treponemal-specific assay should be performed for confirmation of a reactive result	
Additional Information:	Also affects 2365	

VDRL, CSF		
Effective Date:	Immediate	
Test Code:	**2366C**	
Specimen Requirements:	Collection Instructions:	Remove collection instructions. Only CSF is acceptable.

Arsenic Whole Blood		
Effective Date:	November 8, 2011	
Test Code:	**4867W**	
Specimen Stability:	Room Temperature: Refrigerated: Frozen:	10 Days 10 Days 2 Months

Buprenorphine, Quant, Urine .		
Effective Date:	November 8, 2011	
Test Code:	**4419U**	
Specimen Requirements:	Opt Volume: Min Volume:	10.0 mL 5.0 mL
Specimen Stability:	Room Temperature: Refrigerated: Frozen:	5 Days 7 Days 30 Days

Heavy Metals Comprehensive Panel, Random Urine		
Effective Date:	November 8, 2011	
Test Code:	**4060UR**	
Specimen Requirements:	Opt Volume: Min Volume:	7.0 mL 3.0 mL
Specimen Stability:	Room Temperature: Refrigerated: Frozen:	48 Hours 5 Days 14 Days
Additional Information:	Also affects: 4861U, 4861UR, 4867U, 4867UR, 4873U, 4873UR, 4873UI, 4075U, 4075UR, 4080U, 4080UR	

Mercury Whole Blood		
Effective Date:	November 8, 2011	
Test Code:	**4873W**	
Specimen Stability:	Room Temperature: Refrigerated:	5 Days 7 Days
Additional Information:	Also affects: 4080W	

Methadone and Metabolite, Quant, Urine		
Effective Date:	November 8, 2011	
Test Code:	**4192U**	
Former Test Name:	*Methadone Quant*	
Specimen Stability:	Room Temperature:	7 Days

G-6-PD, RBC			
Effective Date:	November 29, 2011		
Test Code:	**1398**		
Former Test Name:	*Glucose-6 Phosphate Dehydrogenase (G-6-PDH)*		
Specimen Requirements:	Opt Volume:	1.0 mL	
	Min Volume:	0.5 mL	
Specimen Stability:	Refrigerated:	7 Days	
Set-Up/Analytic Time:	Set Up: Mon-Fri; Report Available: 1-3 Days		
Additional Information:	We will run hemoglobins		
CPU Interface Mapping:	Result Code:		Result Name:
	34425		G-6-PD, RBC

Inhibin A		
Effective Date:	November 29, 2011	
Test Code:	**3984**	
Specimen Requirements:	Type:	**Serum**
Rejection Criteria:	Gross hemolysis and gross lipemia	
Specimen Stability:	Room Temperature: Refrigerated: Frozen:	**7 days** **7 days** **28 days**

Inhibin B			
Effective Date:	November 29, 2011		
Test Code:	**3982**		
Reference Ranges:	Age 5-9.9 years 10-13.9 years 14-17.9 years > = 18 years	Male 21 - 166 pg/mL 41 – 328 pg/mL 135 – 368 pg/mL 47-308 pg/mL	Female 18 or less pg/mL 86 or less pg/mL 123 or less pg/mL
Specimen Stability:	Room Temperature: Refrigerated: Frozen:	48 hours 7 days 28 days	
Also affects:	34445		

Kappa & Lambda Light Chain Urine Random		
Effective Date:	November 29, 2011	
Test Code:	**1741UR**	
Specimen Requirements:	Collection Instructions:	Remove “transport room temperature”.
Transport Temperature:	Refrigerated	

Natural Killer Cell Quantitation			
Effective Date:	November 29, 2011		
Test Code:	**1872**		
Specimen Requirements:	Type: Opt Volume: Min Volume:	Whole Blood EDTA 5.0 mL 0.5 mL	
Reference Ranges:	CD3-CD16+CD56+ (Abs)	INFANT - 29 DA 1 MO - 1 YR 1 YR 1 DA - 2 YR 3 YR - 6 YR 7 YR - 12 YR 13 YR - 18 YR 19 YR - OLD AGE	Not established 160-930 cells/uL 95-620 cells/uL 60-540 cells/uL 70-500 cells/uL 60-430 cells/uL 70-760 cells/uL
	CD3-CD16+CD56+ (%)	INFANT - 29 DA 1 MO - 1 YR 1 YR 1 DA - 2 YR 3 YR - 6 YR 7 YR - 12 YR 13 YR - 18 YR 19 YR - OLD AGE	Not established 3-14% 2-16% 3-20% 3-19% 3-18% 4-25%
CPU Interface Mapping:	Result Code:	Result Name:	
	211394	CD56%	
	211395	CD56 ABS	

Primidone		
Effective Date:	November 29 , 2011	
Test Code:	**4146**	
Specimen Stability:	Refrigerated:	7 days

Prothrombin Time with INR		
Clinical Significance:	This is a screening test for abnormalities of coagulation factors that are involved in the extrinsic pathway. Test is also used to monitor effects of Warfarin therapy and to study patients with hereditary and acquired clotting disorders.	
Effective Date:	November 29, 2011	
Test Code:	**3892**	
Former Test Name:	*Prothrombin Time*	
Specimen Requirements:	Type: Opt Volume: Min Volume: Collection Instructions:	Citrated platelet-poor-plasma 2.0 mL 1.0 mL Platelet-poor plasma: Centrifuge light blue-top tube 15 minutes at approx. 1500 x g within 60 minutes of collection. Using a plastic pipette, remove plasma, taking care to avoid the WBC/platelet buffy layer and place into a plastic vial. Centrifuge a second time and transfer platelet-poor plasma into a new plastic vial. Plasma must be free of platelets (< 10,000/mcl). Freeze immediately and ship on dry ice.
Transport Temperature:	Frozen	
Specimen Stability:	Room Temperature: Refrigerated: Frozen:	Unacceptable Refrigerated: Unacceptable Frozen -20° C: 14 days Frozen -70° C: 6 months
Reference Ranges:	PT INR	9.0-11.5 sec 0.9-1.1 Moderate - intensity Warfarin therapy 2.0-3.0 Higher - intensity Warfarin therapy 3.0-4.0
Methodology:	Photo-Optical Clot Detection	
Additional Information:	Also affected: 5963, 5976, 5962, 1910	
Always Message:	No Change	

Partial Thromboplastin Time, Activated (aPTT)		
Clinical Significance:	This is a screening test for deficiencies of plasma coagulation factors other than Factors VII and XIII. This test is also used to monitor patients on heparin therapy.	
Effective Date:	November 29, 2011	
Test Code:	**3895**	
Specimen Requirements:	Type: Opt Volume: Min Volume: Collection Instructions:	Citrated platelet-poor-plasma 2.0 mL 1.0 mL Platelet-poor plasma: Centrifuge light blue-top tube 15 minutes at approx. 1500 x g within 60 minutes of collection. Using a plastic pipette, remove plasma, taking care to avoid the WBC/platelet buffy layer and place into a plastic vial. Centrifuge a second time and transfer platelet-poor plasma into a new plastic vial. Plasma must be free of platelets (< 10,000/mcl). Freeze immediately and ship on dry ice.
Transport Temperature:	Frozen	
Specimen Stability:	Room Temperature: Refrigerated: Frozen:	Unacceptable Unacceptable Frozen -20° C: 14 days Frozen -70° C: 6 months
Reference Ranges:	22-34 seconds The therapeutic range for unfractionated heparin therapy is 1.5-2.5 times the mean of the reference interval. In patients in whom there is an apparent heparin resistance, a heparin level by an Anti-Xa method is available.	
Methodology:	Photo-Optical Clot Detection	
Additional Information:	Also affects: 5976 Lupus Anticoagulant: Screen 2, 5961 Von Willebrand Profile	

Thrombotic Risk Evaluation 3		
Effective Date:	November 29, 2011	
Test Code:	**5973**	
Remove Component:	Alpha-2 Antiplasmin	
CPT Code(s):	Remove: 85410	
CPU Interface Mapping:	Result Code:	Result Name:
	34020	Alpha-2 Antiplasmin

Uric Acid		
Effective Date:	November 29, 2011	
Test Code:	**1310**	
Specimen Stability:	Room Temperature: Refrigerated: Frozen:	72 Hours 7 Days 28 Days
Always Message:	Therapeutic target for gout patients: <6.0 mg/dL	

Amikacin		
Clinical Significance:	Amikacin is an aminoglycoside which is a polycationic agent that kills aerobic gram-negative bacteria. Aminoglycosides act by binding to the 30S ribosomal subunit of bacterial mRNA, thereby inhibiting protein synthesis. The goal of antimicrobial therapy is to achieve a concentration in plasma such that the bacteria are killed but the host remains undamaged. Both peak and trough specimens are required to monitor toxicity. Renal tubular necrosis and degeneration of the auditory nerve are the side effects most frequently experienced after exposure to high concentrations of the drug.	
Effective Date:	December 6, 2011	
Test Code:	**4900**	
Specimen Requirements:	Type: Opt Volume: Min Volume: Collection Instructions:	Serum; Plasma (EDTA,oxalate/fluoride**)** 1.0 mL 0.2 mL Trough: Collect just before the next scheduled dose. Peak: Collect peak at end of 60 minute IV infusion or 30 minutes after end of 30 minute IV infusion or 60 minutes after IM dose. Red top tube (plain)
Rejection Criteria:	Do not collect in Gel Barrier/Serum Separator Tube or tubes containing Heparin anticoagulant.	
Transport Temperature:	Room Temperature	
Specimen Stability:	Room Temperature: Refrigerated: Frozen:	7 Days 7 Days 7 Days
Set-Up/Analytic Time:	Set Up: Mon-Sat; Report Available: 1-2 Days	
Additional Information:	Also affects: 4700P,4700T,4900P. Always messages with reference ranges correspond to Peak, Trough and Peak and Trough.	
Always Message:	Trough 4.0 – 8.0 mg/L Peak 20.0 – 30.0 mg/L	

Cholinesterase, Serum		
Clinical Significance:	Approximately 1 in every 2500 individuals has inherited defective or deficiency of the enzyme (pseudocholinesterase) that metabolizes succinylcholine (an anesthetic agent). With normal dosage,individuals have prolonged apnea. Such individuals are responsive at much smaller concentrations of this anesthetic agent than the general population. Low concentrations of pseudocholinesterase are observed in individuals exposed to organophosphorous insecticides and patients with hepatic dysfunction.	
Effective Date:	December 6, 2011	
Test Code:	**3123**	
Former Test Name:	*Cholinesterase Serum*	
Specimen Requirements:	Opt Volume: Min Volume: Collection Instructions:	1.0 mL 0.5 mL Centrifuge and transfer serum specimens to clean, plastic, screw-capped vial.
Rejection Criteria:	Hemolysis is not acceptable.	
Transport Temperature:	Refrigerated	
Specimen Stability:	Room Temperature: Refrigerated: Frozen:	21 Days 21 Days 30 Days
Set-Up/Analytic Time:	Set Up: Mon-Fri; Report Available: 1-3 days	

Creatinine, 24 Hr. Urine		
Effective Date:	December 6, 2011	
Test Code:	**1320U**	
Former Test Name:	*Creatinine 24 hour Urine*	
Specimen Requirements:	Collection Instructions:	Please specify on the request form if the sample is a 24-hour urine, timed urine (not 24-hour), or random. If sample is a 24-hour or timed urine, please indicate the total urine volume and the time of collection on the request form.
Reference Ranges:		mg/dL
Methodology:	Colorimetric	
Additional Information:	Also affects: 1322, 3441UR, 3310U, 3262, 3315UR, 3315U, 3496U, 3970U, 3310UR, 3304UR, 3970UR, 4862UR, 4867UR, 4500I, 4500URI, 4868UR, 4870UR, 4080UR, 4861UR, 4873UR, 4877UR,3 946UR, 3318UR, 4266U, 4875UR, 4872UR, 4873UI, 4168, 1320UR, 3270UR, 1305UR, 5307U, 5312UR, 5312U, 5304UR, 5304U, 5307UR, 1328U, 4856UR, 4882UR, 4075UR, 4266UR, 4886UR, 4060UR, 90523	
Always Message:	For Creatinine: No age related reference range for this test.	
CPU Interface Mapping:	Result Code:	Result Name:
	211396	Creatinine
	34447	Creatinine, 24 Hr.
	34446	24 hr. Urine Volume

Growth Hormone (GH)		
Effective Date:	December 6, 2011	
Test Code:	**3182**	
Former Test Name:	*Growth Hormone*	
Specimen Requirements:	Collection Instructions:	Random Growth Hormone collection should be performed on fasting patients who have rested for at least 30 minutes before collection.
Rejection Criteria:	Gross hemolysis or plasma.	
Set-Up/Analytic Time:	Set Up: Mon-Fri; Report Available: 1-3 days	
Methodology:	Immunoassay	
Additional Information:	Also affected: 3171, 3175, 3185, 3195	
CPU Interface Mapping:	Result Code:	Result Name:
	30445	Growth Hormone (GH)

Growth hormone (GH), 2 Specimens		
Effective Date:	December 6, 2011	
Test Code:	**3171**	
Former Test Name:	*Growth Hormone Response Test, Timed Sample #1 - #2*	
Specimen Requirements:	Collection Instructions:	Please number each specimen in sequence and label with the collection time. Transfer serum to 2 separate, plastic, screw-capped vials (1 mL EACH). Transport at room temperature in the same shipping container
Rejection Criteria:	Gross hemolysis or plasma.	
Set-Up/Analytic Time:	Set Up: Mon-Fri; Report Available: 1-3 days	
Methodology:	Immunoassay	
Additional Information:	Also affected: 3175, 3185, 3195	
CPU Interface Mapping:	Result Code:	Result Name:
	36251 36250	Specimen 1 Time 1
	200576 200575	Specimen 2 Time 2

Growth hormone (GH), 3 Specimens		
Effective Date:	December 6, 2011	
Test Code:	**3175**	
Former Test Name:	*Growth Hormone Response Test, Timed Sample #1 - #3*	
Specimen Requirements:	Collection Instructions:	Please number each specimen in sequence and label with the collection time. Transfer serum to 3 separate, plastic, screw-capped vials (1 mL EACH). Transport at room temperature in the same shipping container
Rejection Criteria:	Gross hemolysis or plasma.	
Set-Up/Analytic Time:	Set Up: Mon-Fri; Report Available: 1-3 days	
Methodology:	Immunoassay	
Additional Information:	Also affected: 3171,3185, 3195	
CPU Interface Mapping:	Result Code:	Result Name:
	36251 36250	Specimen 1 Time 1
	200576 200575	Specimen 2 Time 2
	200578 200577	Specimen 3 Time 3

Growth hormone (GH), 4 Specimens		
Effective Date:	December 6, 2011	
Test Code:	**3185**	
Former Test Name:	*Growth Hormone Response Test, Timed Sample #1 - 4*	
Specimen Requirements:	Collection Instructions:	Please number each specimen in sequence and label with the collection time. Transfer serum to 4 separate, plastic, screw-capped vials (1 mL EACH). Transport at room temperature in the same shipping container
Rejection Criteria:	Gross hemolysis or plasma.	
Set-Up/Analytic Time:	Set Up: Mon-Fri; Report Available: 1-3 days	
Methodology:	Immunoassay	
Additional Information:	Also affected: 3171,3175, 3195	
CPU Interface Mapping:	Result Code:	Result Name:
	36251 36250	Specimen 1 Time 1
	200576 200575	Specimen 2 Time 2
	200578 200577	Specimen 3 Time 3
	200580 200579	Specimen 4 Time 4

Growth hormone (GH), 5 Specimens		
Effective Date:	December 6, 2011	
Test Code:	**3195**	
Former Test Name:	*Growth Hormone Response Test, Timed Sample #1 -5*	
Specimen Requirements:	Collection Instructions:	Please number each specimen in sequence and label with the collection time. Transfer serum to 5 separate, plastic, screw-capped vials (1 mL EACH). Transport at room temperature in the same shipping container
Rejection Criteria:	Gross hemolysis or plasma.	
Set-Up/Analytic Time:	Set Up: Mon-Fri; Report Available: 1-3 days	
Methodology:	Immunoassay	
Additional Information:	Also affected: 3171,3175, 3185	
CPU Interface Mapping:	Result Code:	Result Name:
	36251 36250	Specimen 1 Time 1
	200576 200575	Specimen 2 Time 2
	200578 200577	Specimen 3 Time 3
	200580 200579	Specimen 4 Time 4
	200582 200581	Specimen 5 Time 5

Lactic Acid, Plasma	
Effective Date:	December 6, 2011
Test Code:	**4128**
Former Test Name:	*Lactic Acid Plasma*
Transport Temperature:	Frozen
Methodology:	Spectrophotometric

Osteocalcin, N-mid		
Effective Date:	December 6, 2011	
Test Code:	**3550**	
Specimen Requirements:	Collection Instructions:	Allow blood to clot at room temperature (20-26 degrees C) and centrifuge immediately to separate the serum from the cells. Freeze as soon as possible. Unacceptable: Hemolysis; heat inactivated samples; samples stabilized with azide; and samples from patients administered with biotin within 8 hours.
Set-Up/Analytic Time:	Set Up: Mon, Weds, Fri; Report Available: 1-3 days	
Reference Ranges:	Males: Females:	9-38 ng/mL 8-32 ng/mL
Additional Information:	Result changed to whole number	
CPU Interface Mapping:	Result Code:	Result Name:
	35500	Osteocalcin, N-mid

proBNP,N-terminal		
Effective Date:	December 6, 2011	
Test Code:	**7530**	
Former Test Name:	*Pro-BNP CardioAssessR™*	
Specimen Requirements:	Type: Opt Volume: Min Volume: Collection Instructions:	Alternate: plasma EDTA 1.0 mL 0.3 mL Separate plasma as soon after collection as possible. Keep refrigerated or frozen after separation. Reject gross hemolysis.
Rejection Criteria:	Gross hemolysis	
Specimen Stability:	Room Temperature: Refrigerated: Frozen:	72 Hours 5 Days 1 Year
Set-Up/Analytic Time:	Set Up: Mon-Fri; Report Available: 1-3 Days	
Always Message:	<18 Years Not established 18-49 Years: ≤300 pg/mL Normal, heart failure unlikely ≥450 pg/mL High probability of heart failure ≥50 Years: ≤300 pg/mL Normal, heart failure unlikely ≥900 pg/mL High probability of heart failure	
CPU Interface Mapping:	Result Code:	Result Name:
	200550	proBNP

Prostatic Acid Phos (PAP)		
Effective Date:	December 6, 2011	
Test Code:	**3100**	
Specimen Requirements:	Opt Volume: Min Volume:	1.0 mL 0.5 mL
Transport Temperature:	Frozen	
Specimen Stability:	Room Temperature: Refrigerated: Frozen:	24 Hours 24 Hours 28 Days
Reference Ranges:	Prostatic Acid Phos (PAP)	< 2.8 ng/mL
Methodology:	Immunoassay	
Always Message:	This test was performed using the Siemens (DPC) chemiluminescent method. Values obtained from different assay methods cannot be used inter-changeably. PAP levels, regardless of value, should not be interpreted as absolute evidence of the presence or absence of disease.	
Additional Information:	Also affected: 3100SR	
CPU Interface Mapping:	Result Code:	Result Name:
	31000	Prostatic acid phos (PAP)

Sex Hormone Binding Globulin (SHBG)		
Effective Date:	December 6, 2011	
Test Code:	**3218**	
Specimen Requirements:	Collection Instructions:	Collect blood by venipuncture in a 5 or 10 mL Vacutainer. Allow the blood to clot at room temperature (18-25 degrees C). Centrifuge for 15 minutes at approximately 760 x g to obtain hemolysis-free serum. No additives or preservatives are required to maintain integrity of the sample.
Methodology:	Immunoassay	
Additional Information:	Also affects: 3924,3231,14966x	
CPU Interface Mapping:	Result Code:	Result Name:
	30591	Sex Hormone Binding Glob.

Anti-Mullerian Hormone AssessR™		
Effective Date:	December 13, 2011	
Test Code:	**3138**	
Specimen Stability:	Room Temperature: Refrigerated: Frozen:	5 Days 5 Days 30 Days

Beta-Thalassemia Screen	
Effective Date:	December 13, 2011
Test Code:	**4970**
Additional Information:	This report does not include hemoglobin variants. See Hemoglobinopathy Evaluation (Dos Code #4983).

Coenzyme Q10		
Clinical Significance:	Coenzyme Q10 (CoQ10) is a fat soluble cofactor that is essential for energy producing metabolic pathways and for the proper functioning of the mitochondrial oxidative system. With insufficient CoQ10, the electron transfer activity of the mitochondria decreases, resulting in a net failure to produce the energy necessary to run the cell. Tissues with high energy demand have even greater demands for CoQ10. For example, heart muscle, which continually exerts a pumping action for an entire lifetime, has an immense need for the cofactor. Studies demonstrate the effectiveness of supplemental coenzyme Q10 in cardiomyopathy, myocardial dysfunction, and congestive heart failure. CoQ10 is also a powerful antioxidant like vitamins E and C, and thus serves the role of neutralizing excess free radicals. It is now well established that the control of excessive free radical activity is key in preventing/delaying the progression of degenerative diseases.	
Effective Date:	December 13, 2011	
Test Code:	**7534**	
Specimen Requirements:	Type: Opt Volume: Min Volume: Collection Instructions:	Serum foil wrap 3.0 mL 1.0 mL Samples received that are not protected from light will be rejected. Patient should fast 8-12 hours before collection. Patient may have water. It is not necessary to discontinue nutritional supplements before this test. Collect 0.5 mL serum from a (R, red-top tube, no additive). (SS, serum separator tube) is also accepted. Send serum in an amber vial or wrap a clear, plastic screw-capped vial in foil. Freeze and ship frozen.
Transport Temperature:	Frozen	
Specimen Stability:	Room Temperature: Refrigerated: Frozen:	Unacceptable Unacceptable 7 Days

HCV RNA, Quantitative Real-Time PCR	
Effective Date:	December 13, 2011
Test Code:	**7577**
Additional Information:	The guidelines for the use of new anti-HCV therapies (boceprevir and telaprevir) recommend using a test method that detects plasma viral nucleic acid levels as low as 10 IU/mL. This assay has a lower Limit of Detection of 7.1 IU/mL for genotype 1 and conforms to the recommendation. Quantitation of plasma HCV nucleic acid levels below 43 IU/mL (the Lower Limit of Quantitation for this test) may not be linear, and in this circumstance are reported as <43 IU/mL HCV RNA Detected Also affects:7489 Hepatitis C Virus RNA Quantitation (PCR) w/reflex SubtypR® RJA.
Always Message:	This test was performed using the COBAS® AmpliPrep/ COBAS® TaqMan® HCV Test Kit (Roche Molecular Systems, Inc.)

Hepatitis B Surface Antibody, Quantitation		
Effective Date:	December 13, 2011	
Test Code:	**2448**	
Former Test Name:	*Hepatitis B Virus Surface Antibody Quantitation*	
Specimen Requirements:	Opt Volume: Min Volume:	1.0 mL 0.5 mL
Reference Ranges:	Hep B Surface Ab, Quant	>9 mIU/mL
Methodology:	Immunoassay	
Additional Information:	Result changes to whole number; Also affects RHL	
Always Message:	If result is >9 mIU/mL; Patient has immunity to Hepatitis B virus.	
CPU Interface Mapping:	Result Code:	Result Name:
	22070	Hep B Surface Ab, Quant

HIV-1 RNA Quantitative, bDNA & CD4 Cell Count		
Effective Date:	December 13, 2011	
Test Code:	**9872**	
Reference Ranges:	CD4, Absolute	Infant - 29 Days: Not Established 1 month - 12 months: 1390 - 4080 cells/uL 1 year - 2 years: 1220 - 3550 3 years - 6 years: 670 - 1930 7 years - 12 years: 520 - 1440 13 years - 18 years: 510 - 1450 19 years - Old Age: 490 - 1740
	CD4, Percentage	Infant - 29 Days: Not Established 1 month - 12 months: 36 - 55 % 1 year - 2 years: 30 - 60 3 years - 6 years: 28 - 52 7 years - 12 years: 29 - 52 13 years - 18 years: 33 - 53 19 years - Old Age: 30 - 61
Additional Information:	Also affects: 9872SR HIV-1 RNA Quantitative, bDNA & CD4 Cell Count w/Serial Report	

HIV-2 Abs W/Reflex WB		
Effective Date:	December 13, 2011	
Test Code:	**9921**	
Former Test Name:	*HIV-2 IgG Antibodies reflex to WB*	
Additional Information:	If reactive, HIV-2 Abs Western Blot, test #9926, is performed for an additional fee. If reflexed, add CPT 86689	
Always Message:	Also affected REH (REFLEX HIV-2 [EIA] ANTIBODIES REFLEX TO WB); 9921T (HIV-2 ABS W/REFLEX WB [BLOOD BANK])	
CPU Interface Mapping:	Result Code:	Result Name:
	64481	HIV-2 Abs [EIA]

Legionella pneumophila Total Antibodies, Pooled Serotypes 1-6	
Effective Date:	December 13, 2011
Test Code:	**8246**
Always Message:	This test was performed with EIA method. Values obtained with different methods may not be used interchangeably. The magnitude of the measured result (ISR), above the cutoff, is not indicative of the total amount of antibody present and cannot be correlated to IFA titers.

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 (1) optimize therapy, (2) assure compliance, and (3) avoid toxicity	
Effective Date:	December 13, 2011	
Test Code:	**4963**	
	Frozen:	60 Days
Always Message:	Add: Toxic level not established.	

Lp-PLA2 (Lipoprotein-Associated Phospholipase A2)	
Effective Date:	December 13, 2011
Test Code:	**3470**
Set-Up/Analytic Time:	Set Up: Weds, Sat; Report Available: 5 days

Mycobacterium tuberculosis (Direct Test)		
Effective Date:	December 13, 2011	
Test Code:	**7475**	
Specimen Requirements:	Type: Opt Volume: Min Volume: Collection Instructions:	Alternate Sample: Processed concentrate sediment (from respiratory samples) 1.0 mL 0.5 mL Processed concentrate sediment (from respiratory sample) is stable for 3 days after decontamination process.
Specimen Stability:	Refrigerated:	3 Days

Nicotine and Cotinine, LC/MS/MS, Serum/Plasma				
Clinical Significance:	This assay is used for the detection of nicotine and cotinine in serum and plasma to determine the tobacco exposure status of the individual. Nicotine has a short half-life of approximately forty minutes; Its presence may indicate recent tobacco exposure. Cotinine, the major nicotine metabolite, has a half-life of 24 hours and is detectable for several days after cessation of tobacco exposure.			
Effective Date:	December 13, 2011			
Test Code:	**4190**			
Former Test Name:	*Nicotine & Cotinine Serum*			
Specimen Requirements:	Type:	Serum (no gel)		
	Opt Volume:	1 mL		
	Min Volume:	0.5 mL		
Rejection Criteria:	Serum separator tubes; grossly hemolyzed samples			
Transport Temperature:	Refrigerated			
Specimen Stability:	Room temperature: 72 hours Refrigerated: 21 days Frozen: 30 days			
Set up/Analytic Time:	Set up: Mon, Wed, Fri; Report available: 4 days			
Reference Ranges:	Nicotine: Smokers:	2-10	ng/mL	
	Nonsmokers:	<=4	ng/mL	
	Cotinine: Smokers:	16-145	ng/mL	
	Nonsmokers:	<=8	ng/mL	
CPU Interface Mapping:	Result Code:	Result Name:		
	210592	Nicotine, Serum/Plasma		
	210593	Cotinine, Serum/Plasma		

Nicotine and Cotinine, LC/MS/MS, Urine				
Clinical Significance:	This assay is used for the detection of nicotine and cotinine in urine to determine the tobacco exposure status of the individual. Nicotine has a short half-life of approximately forty minutes; Its presence may indicate recent tobacco exposure. Cotinine, the major nicotine metabolite, has a half-life of 24 hours and is detectable for several days after cessation of tobacco exposure.			
Effective Date:	December 13, 2011			
Test Code:	**4190U**			
Former Test Name:	*Nicotine & Cotinine Urine*			
Specimen Requirements:	Type:		Random Urine	
	Opt Volume:		1 mL	
	Min Volume:		0.5 mL	
Transport Temperature:	Refrigerated			
Specimen Stability:	Room temperature: 72 hours Refrigerated: 14 days Frozen: 30 days			
Set up/Analytic Time:	Set up: Mon, Wed, Fri; Report available: 4 days			
Reference Ranges:	Nicotine: Smokers:		200-700	ng/mL
	Nonsmokers:		<=17	ng/mL
	Cotinine: Smokers:		300-1300	ng/mL
	Nonsmokers:		<=20	ng/mL
CPU Interface Mapping:	Result Code:	Result Name:		
	210554	Nicotine, Urine		
	210560	Cotinine, Urine		

Nuclear Matrix Proteins (NMP)		
Effective Date:	December 13, 2011	
Test Code:	**9620**	
Specimen Requirements:	Collection Instructions:	1. Test should not be performed on persons with total cystectomy. 2. Urine sample should be collected at least 5 days after invasive procedures such as cystoscopy or catherization.

Sickle Cell MonitR™|	
Clinical Significance:	This test is useful for monitoring the treatment of previously diagnosed| sickle cell patients. This test alone is not diagnostic for patients with Sickle Cell Trait or Sickle Cell Disease. To screen and confirm the presence of abnormal hemoglobin variants, order Hemoglobinopathy Evaluation (DOS code #4983).
Effective Date:	December 13, 2011
Test Code:	**4985**

Testosterone, Total, LC/MS/MS	
Effective Date:	December 13, 2011
Test Code:	**3921**
Rejection Criteria:	Serum Separator Tubes (SST), Grossly lipemic and grossly hemolyzed samples are unacceptable.
Additional Information:	Also affects 3922, 3924, 3201, 3231, 15983, 14966, 36170

Testosterone, Free, LC/MS/MS				
Effective Date	December 13, 2011			
Test Code:	**3201**			
Specimen Requirements:	Type: Opt Volume: Min Volume:	Serum 2.8 mL 1.3 mL		
Reference Ranges:	Testosterone, Free-Calculated LC/MS/MS	Adult Reference Ranges for Testosterone, Free (Calculated) LC/MS/MS Age 18-69 yrs: 70-89 yrs: Pediatric Reference Ranges: <1 yr: 1-10.9 yrs: 11-11.9 yrs: 12-13.9 yrs: 14-17.9 yrs:	Males (pg/mL) 46.0-224.0 6.0-73.0 Not Established 1.3 or less 1.3 or less 64 or less 4.0-100.0	Females (pg/mL) 0.2-5.0 0.3-5.0 Not Established 1.5 or less 1.5 or less 1.5 or less 3.6 or less
Methodology:	Calculation, Spectrophotometric, Liquid Chromatography/Tandem Mass Spectrometry, Immunochemiluminescence Assay			
CPU Interface Mapping:	Result Code:	Result Name:		
	211323	Testosterone, Free		

TSI (**Thyroid Stimulating Immunoglobulin)**		
Clinical Significance:	Graves' disease is a classic form of hyperthyroid disease, affecting approximately 0.4% of the population in the United States. It is caused by IgG immunoglobulins, collectively known as thyroid stimulating immunoglobulins (TSI). Patients who are candidates for antithyroid drug therapy may not respond to this treatment when TSI levels are markedly elevated. The determination of TSI can also assist in predicting hyperthyroidism in neonates, due to placental transmission of the immunoglobulins from a mother with hyperthyroidism.	
Effective Date:	December 13, 2011	
Test Code:	**1092**	
Former Test Name:	*Thyroid Stimulating Immunoglobulins*	
Specimen Requirements:	Opt Volume: Min Volume:	1.0 mL 0.2 mL
Rejection Criteria:	Gross hemolysis, gross lipemia, grossly icteric	
Transport Temperature:	Refrigerated (Cold Packs)	
Methodology:	Immunoassay	

Tramadol and Metabolite, Quant, Urine			
Effective Date:	December 13, 2011		
Test Code:	**4251U**		
Former Test Name:	*Tramadol, Quant, Urine*		
Reference Ranges:	O-Desmethyltramadol		>100 ng/mL
Additional Information:	Addition of metabolite component		
CPU Interface Mapping:	Result Code:	Result Name:	
	211182	O-Desmethyltramadol	

Test Discontinuations

Lymphocyte Enumeration, Helper/Inducer with serial reporting	
Effective Date:	Immediate
Test Code:	**1656SR**
Performing Site:	**Quest Diagnostics Nichols Institute, Valencia**
Additional Information:	Alternate test: 83608 Lymphocyte Subset Panel 5

Alpha-2-Antiplasmin, Functional	
Effective Date:	November 29, 2011
Test Code:	**3280**
Performing Site:	**Quest Diagnostics Nichols Institute, San Juan Capistrano**
Additional Information:	Also affects 5973; Alternate Test: Alpha 2-Antiplasmin (4953X)

Heparin (Anti-Xa Activity), Unfractionated	
Effective Date:	November 29, 2011
Test Code:	**5943**
Performing Site:	**Quest Diagnostics Nichols Institute, San Juan Capistrano**
Additional Information:	Alternate Test: S Heparin Anti-Xa (Low Molecular Weight Heparin) (30292X)

Heparin (Anti-Xa), Low Molecular Weight (LMWH)	
Effective Date:	November 29, 2011
Test Code:	**5947**
Performing Site:	**Quest Diagnostics Nichols Institute, San Juan Capistrano**
Additional Information:	Alternate Test: S Heparin Anti-Xa (Low Molecular Weight Heparin) (30292X)

NEW REFERRAL TESTS

Heparin Anti-Xa (Low Molecular Weight Heparin) (30292X)		
Clinical Significance:	This assay is useful for monitoring treatment efficacy of low molecular weight heparin (Lovenox (enoxaparin), a commonly used anticoagulant.	
Effective Date:	Immediate	
Test Code:	**S52553**	
CPT Code(s):	85520	
Specimen Requirements:	Type: Opt Volume: Min Volume: Collection Instructions:	Plasma-Citrated 2 mL 1 mL Platelet Poor Plasma: Centrifuge light blue-top tube 15 minutes at approx. 1500 g within 60 minutes of collection. Using a plastic pipette, remove plasma, taking care to avoid the WBC/platelet buffy layer and place into a plastic vial. Centrifuge a second time and transfer platelet-poor plasma into a new plastic vial. Plasma must be free of platelets (<10,000/mcl). Freeze immediately and ship on dry ice.
Rejection Criteria:	Hemolysis, Thawed plasma, Received room temperature, Received refrigerated	
Transport Temperature:	Frozen	
Specimen Stability:	Room Temperature: Refrigerated: Frozen:	Unacceptable Unacceptable 30 days
Set-Up/Analytic Time:	Set Up: Sun-Fri; Report Available: 2-3 days	
Reference Ranges:	Heparin, Anti-Xa, LMWH	Reference range for peak anti-Xa levels measured 4 hours after dosing: Enoxaparin (Lovenox) Prophylaxis 0.3-0.6 U/mL Therapeutic bid dosing 0.6-1.0 U/mL Therapeutic qD dosing >1.0 U/mL Tinzaparin (Innohep) Therapeutic qD >0.85 U/mL Dalteparin (Fragmin) Therapeutic qD >1.05 U/mL Reference: Chest (Supplement) 2008: Vol 133 No 6
Methodology:	Chromogenetic	
CPU Interface Mapping:	Result Code:	Result Name:
	113706	Heparin, Anti-Xa, LMWH
Performing Site:	Quest Diagnostics Nichols Institute, San Juan Capistrano	

Alpha 2-Antiplasmin (4953X)			
Clinical Significance:	Alpha 2-Antiplasmin inhibits the action of plasmin. Inherited deficiency may lead to bruising and bleeding. The test may also be useful in monitoring substitution therapy.		
Effective Date:	Immediate		
Test Code:	**S52554**		
CPT Code(s):	85410		
Specimen Requirements:	Type: Opt Volume: Min Volume: Collection Instructions:	Plasma-Citrated 1 mL 0.6 mL Do not thaw	
Rejection Criteria:	Thawed Plasma		
Transport Temperature:	Frozen		
Specimen Stability:	Room Temperature: Refrigerated: Frozen:	8 hours 24 hours 14 days	
Set-Up/Analytic Time:	Set Up: Wed; Report Available: 2-3 days		
Reference Ranges:	85-156	%	
Methodology:	Chromogenic		
CPU Interface Mapping:	Result Code:		Result Name:
	113707		Alpha 2-Antiplasmin
Performing Site:	Quest Diagnostics Nichols Institute, San Juan Capistrano		

REFERRAL TEST CHANGES

Alcohol Panel, Urine (0710U)		
Effective Date:	Immediate	
Test Code:	**S52279**	
Specimen Requirements:	Opt Volume: Min Volume:	1.0 mL 0.3 mL
Performing Site:	National Medical Services	

Allergen – Cockatiel Feathers IgE (82410E)		
Former Name:	*RAST – Cockatiel Feathers igE (824*	
Clinical Utility:	This assay is used to detect allergen specific-IgE using the original RAST method. In vitro allergy testing is the primary testing mode for allergy diagnosis.	
Effective Date:	Immediate	
Test Code:	**S48751**	
Specimen Requirements:	Opt Volume: Min volume:	5.0 mL 3.0 mL
Transport Temperature:	Room temperature	
Specimen Stability:	Room temperature: 4 weeks Refrigerated: 4 weeks Frozen: 1 year	
Set-Up/Analytic Time:	Set up: Mon-Fri; Report Available: 3-4 days	
Always Message:	Conventional RAST Scoring Guide Class IgE (ku/L) Comment 0 < 0.10 Negative 0/1 0.1 – 0.34 Equivocal 1 0.35 – 0.69 Low Positive 2 0.7 – 3.4 Moderate Positive 3 3.5 – 17.4 Positive 4 >/= 17.5 Strong Positive	
Performing Site:	Viracor-IBT Laboratories	

Beryllium, Blood (0638B)		
Effective Date:	Immediate	
Test Code:	**S52296**	
Specimen Requirements:	Opt Volume: Min volume:	1.0 mL 0.3 mL
Performing Site:	National Medical Services	

Bicarbonate Urine (0645U)		
Effective Date:	Immediate	
Test Code:	**S46515**	
Specimen Requirements:	Opt Volume: Min volume:	3.0 mL 1.2 mL
Transport Temperature:	Refrigerated	

Specimen Stability:	Room temperature: 48 hours Refrigerated: 14 days Frozen: 30 days
Set-Up/Analytic Time:	Set up: Mon, Thu; Report Available: 2-3 days
Performing Site:	National Medical Services

C3a desArg Fragment (17689X) *Testing is now approved for New York Patient samples.*			
Effective Date:	Immediate		
Test Code:	**S51404**		
Set-Up/Analytic Time:	Set up: Wed; Report Available: 3-4 days		
Reference Ranges:	C3a desArg Fragment	55-486	ng/mL
Performing Site:	Quest Diagnostics Nichols Institute, San Juan Capistrano		

Cyclic Amp Urine (70485)			
Effective Date:	Immediate		
Test Code:	**S51283**		
Set-Up/Analytic Time:	Set up: Sun; Report Available: 3-11 days		
Reference Ranges:	Cyclic Amp, Urine	0.5-10.0	nmol/mL
	Creatinine, 24-Hour Urine	Age / Male / Female 3-8 yrs: 140-700 mg/d / 140- 700 mg/d 9-12 yrs: 300-1300 mg/d / 300-1300 mg/d 13-17 yrs: 500-2300 mg/d / 400-1600 mg/d 18-50 yrs: 1000-2500 mg/d / 700-1600 mg/d 51-80 yrs: 800-2100 mg/d / 500-1400 mg/d > or =81 yrs: 600-2000 mg/d / 400-1300 mg/d	
Performing Site:	ARUP Laboratories		

Diethylene Glycol (1589SP)		
Effective Date:	Immediate	
Test Code:	**S50034**	
CPT Code(s):	82491	
Specimen Requirements:	Opt Volume: Min Volume:	2.0 mL 0.7 mL
Transport Temperature:	Room temperature	
Specimen Stability:	Room temperature: 28 days Refrigerated: 28 days Frozen: 3 months	
Performing Site:	National Medical Services	

Dioxane-1.4 (1740B)		
Effective Date:	Immediate	
Test Code:	**S49082**	
Specimen Requirements:	Type: Opt Volume: Min volume:	Whole Blood-Sodium Fluoride/Potassium Oxalate 2.0 mL 0.7 mL
Transport Temperature:	Refrigerated	

Specimen Stability:	Room temperature: 5 days Refrigerated: 10 days Frozen: 14 months
Setup/Analytic Time:	Set up: Mon-Fri; Report available: 3-5 days
Methodology:	Headspace Gas Chromatography
Performing Site:	National Medical Services

D-Lactate, Plasma (8878)		
Effective Date:	Immediate	
Test Code:	**S44775**	
Specimen Requirements:	Type:	Plasma-Sodium Fluoride/Potassium Oxalate
Setup/Analytic Time:	Set up: Mon, Thu; Report available: 5-9 days	
Performing Site:	Mayo Medical Laboratories	

Factor VII Inhibitor (300721)			
Effective Date:	Immediate		
Test Code:	**S47945**		
Specimen Requirements:	Opt Volume: Min Volume: Collection Instructions:	6.0 mL 3.0 mL Submit 3 tubes-2.0 mL per tube	
Set-Up/Analytic Time:	Set up: Mon-Thu, Sat; Report Available: 2-4 days		
Reference Ranges:	Prothrombin Time (PT)	<18y: Not established 18-60y:10.8-12.8 >60y: Not established	seconds
	PT 1:1 Normal Pool Mix	<18y: Not established 18-60y:10.8-12.8 >60y: Not established	seconds
Performing Site:	Esoterix Coagulation		

HNPCC (MLH1 Gene) Known Mutation Sequencing (6142)		
Effective Date:	Immediate	
Test Code:	**S50605**	
Specimen Requirements:	Opt Volume: Min volume:	5.0 mL 3.0 mL
Transport Temperature:	Refrigerated	
Specimen Stability:	Room temperature: 48 hours Refrigerated: 5 days Frozen: Unacceptable	
Set-Up/Analytic Time:	Set up: Mon-Fri; Report Available: 22-23 days	
Additional Information:	This test can only be performed if there is a previously identified familial mutation. A laboratory report containing the relative's mutation information, the specific biological relationship of this patient and the tested relative and the clinical status of this patient (symptomatic or asymptomatic) must be submitted with the specimen. If the original familial mutation was identified in another laboratory, this testing must be discussed with one of our genetic counselors prior to sending a specimen.	
Performing Site:	Baylor Genetics Laboratory	

HPV by PCR (550020)	
Effective Date:	Immediate
Test Code:	**S47735**
Set-Up/Analytic Time:	Report Available: 8-9 days
Additional Information:	This test is batched and set-up once a week. Set-up day is determined by sample volume for assay.
Performing Site:	Labcorp

Interleukin-6, Fluid	
Effective Date:	Immediate
Test Code:	**S50334**
Set-Up/Analytic Time:	Report Available: 6-8 days
Performing Site:	Inter Science institute

Interleukin-10, Fluid	
Effective Date:	Immediate
Test Code:	**S50480**
Set-Up/Analytic Time:	Report Available: 6-8 days
Performing Site:	Inter Science institute

Mercaptopurine (2660SP)	
Effective Date:	Immediate
Test Code:	**S43405**
Rejection Criteria:	SST® tubes are not acceptable
Performing Site:	National Medical Services

Mineral Profile RBC (3066R)	
Effective Date:	Immediate
Test Code:	**S49802**
Methodology:	Chromium, Selenium Inductively coupled plasma mass spectrometry
Performing Site:	National Medical Services

N-Methylhistamine Urine (83011)		
Effective Date:	Immediate	
Test Code:	**S50076**	
Specimen Requirements:	Opt Volume: Min volume:	5.0 mL 3.0 mL
Transport Temperature:	Refrigerated	
Specimen Stability:	Room temperature: 24 hours Refrigerated: 14 days Frozen: 1 month	
Set-Up/Analytic Time:	Set up: Tue, Thu; Report Available: 4-8 days	
Performing Site:	Mayo Medical Laboratories	

NMR Lipo-Profile		
Effective Date:	Immediate	
Test Code:	**S50671**	
Specimen Requirements:	Collection Instructions:	For serum tubes provided by LipoScience (yellow/black LipoScience tube): Completely fill one LipoScience (LipoTube) for all serum specimens. NOTE: Serum specimens drawn in Non-LipoScience gel barrier collection tubes will be rejected due to interfering substances that make them unsuitable for NMR analysis. Gently invert collection tube to mix contents and allow to clot at room temperature for about 30 minutes before centrifugation. Centrifuge specimen for 15 minutes at 3,000 rpm within 6 hours of collection. Do not freeze samples.
Performing Site:	LipoScience, Inc.	

Phenylethylmalonamide (3707SP)	
Effective Date:	Immediate
Test Code:	**S50480**
Set-Up/Analytic Time:	Set up: Mon, Thu; Report available: 3-4 days
Performing Site:	Inter Science institute

Prochlorperazine (3950SP)		
Effective Date:	Immediate	
Test Code:	**S43185**	
Specimen Requirements:	Type: Opt Volume: Min volume:	Serum, Plasma-EDTA 5.0 mL 2.2 mL
Transport Temperature:	Refrigerated	
Specimen Stability:	Room temperature: 7 days Refrigerated: 14 days Frozen: 1 year	
Set-Up/Analytic Time:	Set up: Mon, Wed, Fri; Report Available: 3-4 days	
Performing Site:	National Medical Services	

Propylothiouracil (4008SP)		
Effective Date:	Immediate	
Test Code:	**S44625**	
Specimen Requirements:	Opt Volume: Min volume:	3.0 mL 1.2 mL
Set-Up/Analytic Time:	Set up: Tue; Report Available: 3-4 days	
Performing Site:	National Medical Services	

Rabies Vaccine Response End-Point Titer		
Effective Date:	Immediate	
Test Code:	**S43550**	
Set-Up/Analytic Time:	Set up: Mon, Thu; Report Available: 3 weeks	
Always Message:	Additional Information:	Reportable range is 0.1 to 15.0 IU/mL LESS THAN 0.1IU/mL: Below detection limit >15.0 IU/mL or >14.0 IU/mL: Above reportable range
Performing Site:	K-State Rabies Laboratory	

Thallium, Serum (4370SP)		
Former Name:	*Thallium, Serum (4370SP)*	
Effective Date:	Immediate	
Test Code:	**S42540**	
Specimen Requirements:	Type: Opt Volume: Min volume:	Serum-Trace Metal, Plasma-EDTA Trace Metal 1.0 mL 0.4 mL
Reject Criteria:	SST® tubes are not acceptable	
Transport Temperature:	Room temperature	
Specimen Stability:	Room temperature: 14 days Refrigerated: 14 days Frozen: 14 days	
Set-Up/Analytic Time:	Set up: Fri; Report Available: 2-3 days	
Reference Ranges:	Normally: Less than 1	mcg/mL
Performing Site:	National Medical Services	

Tropheryma whipplei DNA, Qualitative, Real-Time PCR (46500)	
Clinical Utility:	*Tropheryma whipplei* is the cause of Whipple's disease, a bacterial infection that can affect any system of the body, but occurs most often in the small intestine. Real-Time PCR is a highly sensitive and specific method to detect the presence of *T. whipplei* DNA in clinical specimens.
Effective Date:	Immediate
Test Code:	**S51521**
Transport Temperature:	Refrigerated
Specimen Stability:	Room temperature: 2 days Whole Blood-ACD, EDTA, Tissue
Set-Up/Analytic Time:	Set up: Sun-Sat ; Report Available: 2-3 days
Performing Site:	Focus Diagnostics

Cathartic Laxative Stool Survey (1033ST)		
Effective Date:	November 7, 2011	
Test Code:	**S43570**	
Specimen Requirements:	Collection Instructions:	Submit in a plastic container (Acid washed or Trace metal-free)
Set-Up/Analytic Time:	Set up: Mon-Wed, Fri; Report Available: 8-9 days	
Performing Site:	National Medical Services	

Phosphorus-Total, Stool (3765ST)		
Effective Date:	November 7, 2011	
Test Code:	**S47695**	
Former Test Name:	*Phosphate, Stool (3765)*	
Specimen Requirements:	Collection Instructions:	Submit in a plastic container (Acid washed or Trace metal-free)
Set-Up/Analytic Time:	Set up: Tue; Report Available: 8-9 days	
Reference Ranges:	1.4-22.0 mg/g	
Performing Site:	National Medical Services	

Cyanide, Blood (400)			
Effective Date:	November 14, 2011		
Test Code:	**S51366**		
Reference Ranges:	Cyanide Blood	<0.1 Potentially Toxic: > 0.5 Detection Limit: 0.1	mg/L mg/L mg/L
Performing Site:	Quest Diagnostics Nichols Institute, Chantilly		

TSH, 3rd Generation with HAMA Treatment (19537X)			
Former Test Name:	*TSH with HAMA Treatment (19537X)*		
Effective Date:	November 14, 2011		
Test Code:	**S52476**		
Transport Temperature:	Room Temperature		
Specimen Stability:	Room Temperature: 7 days Refrigerated: 7 days Frozen: 28 days		
Reference Ranges:	Premature Infants, 28-36 weeks 1st week of life	0.20-27.90	mIU/L
	Term infants, (>37 weeks) Serum or Cord Blood	1.00-39.00	mIU/L
	< or = 4 days 5-6 days 1-4 weeks 1-11 months 1-19 years > or = 20 years	3.20-35.00** Not Established** 1.70-9.10** 0.80-8.20 0.50-4.30 0.40-4.50	mIU/L
	** 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.		
	Pregnancy Ranges	First Trimester	0.20-4.70 mIU/L
		Second Trimester	0.30-4.10 mIU/L
		Third Trimester	0.40-2.70 mIU/L
Performing Site:	Quest Diagnostics Nichols Institute, San Juan Capistrano		

Rheumatoid Factor, LA, Synovial Fluid (70352)		
Former Name:	*Rheumatoid Factor, LA, (Fluid) (70352)*	
Effective Date:	November 21, 2011	
Test Code:	**S52058**	
Specimen Requirements:	Type: Opt Volume: Collection Instructions:	Synovial fluid 1.0 mL Note: All other fluids are unacceptable
Transport Temperature:	Refrigerated	
Specimen Stability:	Room temperature: Unacceptable Refrigerated: 14 days Frozen: 30 days	
Performing Site:	Focus Diagnostics	

Dihydrotestosterone, LC/MS/MS (90567)			
Former Name:	*Dihydrotestosterone (204X)*		
Effective Date:	December 5, 2011		
Test Code:	**S51491**		
Specimen Requirements:	Type: Opt Volume: Collection Instructions:	Serum 0.6 mL Red-top tube (no gel)	
Transport Temperature:	Refrigerated		
Specimen Stability:	Room temperature: 7 days Refrigerated: 7 days Frozen: 2 years		
Reference Ranges:	Females: Males:	5-46 16-79	ng/dL ng/dL
Performing Site:	Quest Diagnostics Nichols Institute, San Juan Capistrano		

Referral Test Discontinuations

Beta Glucuronidase Serum (4550)	
Effective Date:	Immediate
Test Code:	**S48608**
Performing Site:	Baylor Genetics Laboratory

DNA for Spinal Muscular Atrophy "SMA"	
Effective Date	Immediate
Test Code:	**S43370**
	Recommended replacement: S50070-SMA Diagnostic Test (16869), Performed at Athena Diagnostics
Performing Site:	Progene

Starch Fecal (0020375)	
Effective Date:	Immediate
Test Code:	**S48572**
Performing Site:	ARUP Laboratories

Tropheryma Whipplei (Whipple's) DNA Qual PCR CSF/FLD	
Effective Date:	Immediate
Test Code:	**S49890**
Additional Information:	Suggested Alternate: S51521 - Tropheryma whipplei DNA, Qualitative, Real-Time PCR (46500)
Performing Site:	Focus Diagnostics

West Nile Virus PRNT (88315)	
Effective Date:	Immediate
Test Code:	**S50410**
Performing Site:	Focus Diagnostics

Cotinine Urine (3153)	
Effective Date:	December 13, 2011
Test Code:	**S43345**
Additional Information:	Suggested Alternate: 4190U - Nicotine and Cotinine, LC/MS/MS, Urine-Performed at Quest Diagnostics Nichols Institute, Valencia
Performing Site:	National Medical Services