

Revision Message!

Please note: 12/20/2013 communication revision for test 19563- Streptococcus pneumoniae IgG AB (7 Serotypes), MAID, always message and CPU Mapping change.

Please note: 12/20/13 communication revision to add the following Discontinued Tests:

- 2388P- Streptococcus pneumoniae IgG Abs, 23 Serotypes, Pre/Post
- 2384P- Streptococcus pneumoniae IgG Abs, 7 Serotypes, Pre/Post
- 2386P- Streptococcus pneumoniae IgG Abs, 14 Serotypes, Pre/Post
- 2384- Streptococcus pneumoniae IgG Abs, 7 Serotypes [Heptavalent]
- 2388- Streptococcus pneumoniae IgG Abs, 23 Serotypes
- 2386- Streptococcus pneumoniae IgG Abs, 14 Serotypes

NEW TESTS

Please Note: Not all test codes assigned to each assay are listed in the table of contents.
Please refer to the complete listing on the page numbers indicated.

Test Code	Test Name	Effective Date	Page #
91904	Cardio IQ™ ST2 (Soluble) and proBNP (N-Terminal)	12/9/2013	5
91920	Diabetes Risk Assessment	1/13/2014	6
91895	Paliperidone	1/13/2014	7
15332	Rickettsia Conorii Antibody Panel, IFA	1/13/2014	8
34309	Strongyloides Antibody (IgG)	1/13/2014	9
6313	Temazepam and Oxazepam, Serum	1/13/2014	9
91977	Antigen-induced Lymphocyte Proliferation Panel (Candida, Tetanus, TB PPD)	1/27/2014	10
17270	Candida-induced Lymphocyte Proliferation	1/27/2014	11
91982	Concanavalin A (Con A)-induced Lymphocyte Proliferation	1/27/2014	12
91978	Mitogen- and Antigen-induced Lymphocyte Proliferation Panel	1/27/2014	12
91976	Mitogen-induced Lymphocyte Proliferation Panel (PHA, Con A, PWM)	1/27/2014	14
91980	Phytohemagglutinin (PHA)-induced Lymphocyte Proliferation	1/27/2014	15
91981	Pokeweed Mitogen (PWM)-induced Lymphocyte Proliferation	1/27/2014	15
16963	Streptococcus pneumoniae IgG Ab (23 serotypes), MAID	1/27/2014	16
19563	Streptococcus pneumoniae IgG AB (7 Serotypes), MAID	1/27/2014	17
19564	Streptococcus pneumoniae IgG Antibody Panel (14 Serotypes), MAID	1/27/2014	18

TEST CHANGES

Please Note: Not all test codes assigned to each assay are listed in the table of contents.
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Test Code	Former Test Code	Test Name	Effective Date	Page #
90872	S51562	Bloom Syndrome DNA Mutation Analysis	1/13/2014	20
90905	S51568	Canavan Disease Mutation Analysis	1/13/2014	20
37091	S49683	Creatine, Serum	1/13/2014	20
90912	S51574	Familial Dysautonomia Mutation Analysis	1/13/2014	20

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<u>90897</u>	S51577	Fanconi Anemia DNA Mutation Analysis	1/13/2014	21
<u>36053</u>	S52301	FISH, Neonatal Screen	1/13/2014	21
<u>90907</u>	S51581	Gaucher Disease, DNA Mutation Analysis	1/13/2014	21
<u>91438</u>	7493	Hepatitis C Antibody with Reflex to HCV RNA, Quantitative Real-Time PCR	1/13/2014	22
<u>8641</u>	I1G	Insect Venom, Honey Bee IgG	1/13/2014	23
<u>623</u>	4866R	Magnesium, RBC	1/13/2014	23
<u>90899</u>	S51588	Mucopolipidosis Type IV Mutation Analysis	1/13/2014	24
<u>90893</u>	S51592	Niemann-Pick Disease Mutation Analysis	1/13/2014	24
<u>91894</u>	4185	Opiates Confirmation, LC/MS/MS	1/13/2014	24
<u>16322</u>	3550	Osteocalcin, N-MID	1/13/2014	25
<u>17306</u>		QuestAssureD™ 25-Hydroxyvitamin D (D2, D3), LC/MS/MS	1/13/2014	26
<u>16761</u>		QuestAssureD™ 25-Hydroxy and 1,25-Dihydroxyvitamin D, LC/MS/MS	1/13/2014	26
<u>3486</u>	RW203	Rape Weed (w203) IgE	1/13/2014	26
<u>91916</u>	RF331	Saffron (f331) IgE	1/13/2014	27
<u>90903</u>	S51598	Tay-Sachs Disease Mutation Analysis	1/13/2014	27
<u>91897</u>	4088	Temazepam	1/13/2014	28
<u>2539</u>	E89	Turkey Feathers (e89) IgE	1/13/2014	28
<u>9762</u>		Lupus Anticoagulant and Cardiolipin Ab Panel with Reflexes	1/20/2014	29
<u>91730</u>	4663U	Methamphetamine and Metabolite, Urine	1/20/2014	29
<u>11368</u>		Plasminogen Activator Inhibitor-1 (PAI-1) 4G/5G	1/20/2014	30
<u>852</u>	3143	Beta-2-Microglobulin, Serum	1/27/2014	30
<u>19963</u>	S52389	Coccidioides Antibodies to TP & F Antigens, ID	1/27/2014	31
<u>90799</u>		Coccidioides Antibody (TP Antigen), Immunodiffusion	1/27/2014	31
<u>1468</u>	S51635	Human Anti-mouse Antibody (HAMA)	1/27/2014	31
<u>540</u>	S51451	IgA, Saliva	1/27/2014	32
<u>34887</u>	S49579	Interferon-alpha	1/27/2014	32
<u>4639</u>	S51647	Myelin Antibody (IgG), IFA	1/27/2014	33
<u>34184</u>	A52327	Natural Killer Cells, Functional	1/27/2014	34

REDIRECTS

Please Note: Not all test codes assigned to each assay are listed in the table of contents.
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Test Code	Former Test Code	Test Name	Effective Date	Page #
<u>3057</u>	RF272	Tarragon (f272) IgE	1/13/2014	35

DISCONTINUED TESTS

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Test Code	Test Name	Effective Date	Page #
<u>7951</u>	<i>Rickettsia conorii</i> IgG & IgM Antibodies	1/13/2014	35
<u>7949</u>	<i>Rickettsia conorii</i> IgG Abs	1/13/2014	36
<u>7950</u>	<i>Rickettsia conorii</i> IgM Abs	1/13/2014	36
<u>S49761</u>	Strongyloides IgG Antibody [10091]	1/13/2014	36
<u>S52352</u>	Blastomyces Antibody Panel, CF, ID, and ELISA	1/27/2014	36
<u>S52342</u>	Chlamydia Group Antibody Screen, IFA (Serum)	1/27/2014	36
<u>A52270</u>	Coccidioides Antibody Panel, CF, ID, LA, and ELISA	1/27/2014	36
<u>S52346</u>	Histoplasma Antibody Panel, CF, ID, and ELISA	1/27/2014	36
<u>1143</u>	Humoral Immune Evaluation (Pneumo 14)	1/27/2014	37
<u>1146</u>	Humoral Immune Evaluation (Pneumo 14) & H. Influenzae B	1/27/2014	37
<u>1049</u>	Humoral Immune Evaluation (Pneumo 23)	1/27/2014	37
<u>1088</u>	Humoral Immune Evaluation (Pneumo 23) & H. Influenzae B	1/27/2014	37
<u>1047</u>	Humoral Immune Evaluation (Pneumo 7)	1/27/2014	37
<u>1087</u>	Humoral Immune Evaluation (Pneumo 7) & H. Influenzae B	1/27/2014	37
<u>1148</u>	Humoral Immune Status Survey (Pneumo 14)	1/27/2014	38
<u>1149</u>	Humoral Immune Status Survey (Pneumo 23)	1/27/2014	38
<u>1147</u>	Humoral Immune Status Survey (Pneumo 7)	1/27/2014	38
<u>A52331</u>	Lymphocyte Antigen Stimulation Screen, Candida, CC	1/27/2014	38
<u>2386</u>	Streptococcus pneumoniae IgG Abs, 14 Serotypes	1/27/2014	38
<u>2386P</u>	Streptococcus pneumoniae IgG Abs, 14 Serotypes, Pre/Post	1/27/2014	38
<u>2388</u>	Streptococcus pneumoniae IgG Abs, 23 Serotypes	1/27/2014	38
<u>2388P</u>	Streptococcus pneumoniae IgG Abs, 23 Serotypes, Pre/Post	1/27/2014	39
<u>2384</u>	Streptococcus pneumoniae IgG Abs, 7 Serotypes [Heptavalent]	1/27/2014	39
<u>2384P</u>	Streptococcus pneumoniae IgG Abs, 7 Serotypes, Pre/Post	1/27/2014	39

NY UPDATE

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Test Code	Test Name	Page #
	New York Testing Update	39
<u>3125C</u>	Monoclonal Gammopathies CSF	39
<u>S52093</u>	Mycobacterium avium-intracellulare DNA, Qualitative PCR	39

SEND OUTS

**Please Note: Not all test codes assigned to each assay are listed in the table of contents.
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Test Code	Former Test Code	Test Name	Effective Date	Page #
<u>S47280</u>		Amphetamines Panel, Serum/Plasma	1/6/2014	40

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<u>A50999</u>		Buprenorphine and Metabolite - Free (Unconjugated) Confirmation, Serum/Plasma	1/6/2014	40
<u>S50970</u>		Buprenorphine and Metabolite - Free (Unconjugated) Screen, Serum/Plasma	1/6/2014	40
		Consolidated Labs Discontinued Tests	1/20/2014	40
<u>S50852</u>		Mephenytoin (Mesantoin) [90007]	1/20/2014	41
<u>S49941</u>		Scrub Typhus Ab [8148]	1/20/2014	41
<u>S50881</u>		Trifluoperazine (Stelazine) [90071]	1/20/2014	41
<u>S43880</u>		Trypsin, Stool (0020383)	1/20/2014	41
<u>S50608</u>		Unknown Substance ID [7201L1]	1/20/2014	41

CPT Code updates for 2014

The American Medical Association (AMA) has published the CPT code changes for 2014 edition. Quest Diagnostics will be implementing these changes effective January 1, 2014. The below chart lists the Quest tests affected and the appropriate CPT code changes. Please refer to your local Quest Directory for other order code options. The AMA and Quest Diagnostics' websites have the most current molecular pathology coding. The CPT codes provided 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.

Quest Diagnostics Test Name	Quest Diagnostics Order Code	2013 CPT Codes	NEW CPT Codes Effective 1/1/2014
Zonisamide	37852	80299	80203
Caffeine, Serum STAT	S46010	80299	80155
Clozapine	1769X	82492 or 83789	80159
Clozapine	4964	83789	80159
Clozapine and Norclozapine, Blood	S49440	82492	80159
Everolimus, Blood	18883	80299	80169
Gabapentin	3557	80299	80171
Gabapentin, Pain Management, Quant, Urine w/ MedMatch	70205	80299	80171
Gabapentin, Pain Management, Quant, Urine	4688U	80299	80171
Gabapentin, Quantitative, Urine	3364U	80299	80171
Gabapentin, Quantitative	3364	80299	80171
Lamotrigine	22060	80299	80175
Levetiracetam	15142	80299	80177
Levetiracetam	4963	80299	80177
Mycophenolic Acid	10662	83789	80180
Tiagabine, Serum/Plasma	S48484	80299	80199
SureSwab®, <i>Trichomonas vaginalis</i> RNA, Qualitative, TMA	19550	87798	87661
SureSwab®, Vaginosis/Vaginitis Plus	17333	87481 (x4), 87491, 87512, 87591, 87798 , 87799 (x3)	87481 (x4), 87491, 87512, 87591, 87661 , 87799 (x3)
SureSwab®, CT/NG, <i>T. vaginalis</i>	16492	87491, 87591, 87798	87491, 87591, 87661
SureSwab®, Bacterial Vaginosis/Vaginitis	15509	87481 (x4), 87512, 87798 , 87799 (x3)	87481 (x4), 87512, 87661 , 87799 (x3)
<i>Trichomonas vaginalis</i> RNA, Qualitative, TMA, Pap Vial	90521	87798	87661
<i>Trichomonas vaginalis</i> RNA, Qualitative, TMA, Males	90801	87798	87661
<i>Trichomonas vaginalis</i> DNA DetectR™	9648	87798	87661
<i>Chlamydia/Nisseria gonorrhoeae, T. vaginalis</i> , Qualitative, TMA and HSV 1/2 DNA, Real-Time PCR, Pap Vial	91437	87491, 87591, 87529 (x2), 87798	87491, 87591, 87529 (x2), 87661

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Quest Diagnostics MAAA Test Name	Quest Diagnostics Order Code	CMS CPT Codes	MAAA CPT Codes
ROMA™ (Risk of Ovarian Malignancy Algorithm)	91155	86304, 86305	81500
OVA1®	S52117	84999	81503
OVA1® (includes FSH and LH)	S52118	84999, 83001, 83002	81503, 83001, 83002
Quad Screen	3092	82677, 84702, 82105, 86336	81511
Triple Screen, 2.5 MoM	3091	82677, 84702, 82105	81511
Triple Screen, 2.0 MoM	3110	82677, 84702, 82105	81510
Triple Screen	7292(X)	82677, 84702, 82105	81510
Penta Screen	15934	82105, 84702, 82677, 86336, 82397	81512
Liver Fibrosis Panel (HepaScore®)	S51881	82247, 82977, 83520, 83883	81599
Hepatitis C virus (HCV) FibroSURE	S50584	83883, 83010, 82172, 82247, 82977, 84460	0001M
Panorama™ Prenatal Test	91593	81479	81599
Omega-3 and -6 Fatty Acids, Plasma	91001	82541	81599

The AMA has also changed the definition of CPT 88342 and has added CPT 88343. 88342 is now to be used for the first IHC stain on each slide and each additional IHC stain on that same slide should be CPT coded with 88343.

New Test Offerings

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

Cardio IQ™ ST2 (Soluble) and proBNP (N-Terminal)	
Clinical Significance	In prospective studies NT-proBNP and ST2 have been reported to be independent of other traditional heart failure (HF) risk factors and from each other and in combination they improved risk assessment for HF progression. High levels of both ST2 and NT-proBNP, compared with high levels of just one of these markers, have been reported to be associated with greater rates of HF progression and worse outcomes such as death, heart transplant or hospital re-admissions. A panel that contains both ST2 and NT-proBNP in conjunction with clinical factors can help physicians more effectively identify individuals at risk of HF progression than the individual tests and therefore can help physicians select appropriate therapeutic regimens.
Effective Date	12/9/2013
Test Code	91904
CPT Codes	83520, 83880
Specimen Requirements	1 mL (0.5 mL minimum) serum AND 1 mL (0.3 mL minimum) plasma collected in an EDTA (lavender-top) tube
Reject Criteria	Gross hemolysis
Instructions	Cardio IQ™ related tests must be transported frozen. See individual assays.
Transport Temperature	Frozen
Specimen Stability	Serum: Room temperature: 24 hours Refrigerated: 7 days Frozen: 18 months

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	<p>Plasma: Room temperature and Refrigerated: 72 hours Frozen: 1 year</p>																		
Set-up/Analytic Time	Set up: As needed; Report available: Next day																		
Reference Range	<table border="1"> <tr> <td>Reference Range for ST2, Soluble:</td> <td>< or = 35 ng/mL</td> </tr> <tr> <td colspan="2">Reference Ranges for pro-BNP, N-terminal:</td> </tr> <tr> <td>Age</td> <td>Reference Range</td> </tr> <tr> <td>18-49 years:</td> <td><= 300 pg/mL Normal, heart failure unlikely >= 450 pg/mL High probability of heart failure</td> </tr> <tr> <td>>=50 years:</td> <td><= 300 pg/mL Normal, heart failure unlikely >= 900 pg/mL High probability of heart failure</td> </tr> </table>	Reference Range for ST2, Soluble:	< or = 35 ng/mL	Reference Ranges for pro-BNP, N-terminal:		Age	Reference Range	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								
Reference Range for ST2, Soluble:	< or = 35 ng/mL																		
Reference Ranges for pro-BNP, N-terminal:																			
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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																		
Always Message	<p>Cardio IQ™ ST2, Soluble:</p> <p>Heart failure patients with sST2 levels >35 ng/mL have worse prognosis.</p> <p>Kohli P, et al. Clin Chem. 2012;58:257-266 Dieplinger B, et al. Clin Chem Acta. 2009;409:33-40 Ky B, et al. Circ Heart Fail. 2011;4:180-187 Januzzi L. J. of Cardiovas Trans Res. 2013;6:493 - 500</p> <p>Cardio IQ(TM) ProBNP, N-terminal:</p> <p>Among heart failure patients, elevation of either ST-2 or NT-proBNP is associated with worse outcomes, and elevation of both ST-2 and NT-proBNP further increases risk.</p> <p>Ky B, et al. Circ Heart Fail. 2011;4:180-187 Januzzi L. J. of Cardiovas Trans Res. 2013;6:493-500</p>																		
Methodology	Enzyme Linked Immunosorbent Assay and Electrochemiluminescence																		
Performing Site	Quest Diagnostics Nichols Institute, San Juan Capistrano																		
CPU Mappings	<table border="1"> <tr> <td colspan="3">91904-1-Cardio IQ(TM) ST2, Soluble</td> </tr> <tr> <td>Result Code</td> <td>Result Name</td> <td>Unit of Measure</td> </tr> <tr> <td>86010016</td> <td>ST2,Soluble</td> <td>ng/mL</td> </tr> <tr> <td colspan="3">91904-2-Cardio IQ(TM) ProBNP, N-terminal</td> </tr> <tr> <td>Result Code</td> <td>Result Name</td> <td>Unit of Measure</td> </tr> <tr> <td>85995791</td> <td>proBNP</td> <td>pg/mL</td> </tr> </table>	91904-1-Cardio IQ(TM) ST2, Soluble			Result Code	Result Name	Unit of Measure	86010016	ST2,Soluble	ng/mL	91904-2-Cardio IQ(TM) ProBNP, N-terminal			Result Code	Result Name	Unit of Measure	85995791	proBNP	pg/mL
91904-1-Cardio IQ(TM) ST2, Soluble																			
Result Code	Result Name	Unit of Measure																	
86010016	ST2,Soluble	ng/mL																	
91904-2-Cardio IQ(TM) ProBNP, N-terminal																			
Result Code	Result Name	Unit of Measure																	
85995791	proBNP	pg/mL																	

Diabetes Risk Assessment	
Message	Includes: Cholesterol, Total * HDL Cholesterol * Triglycerides * LDL Cholesterol (calculated) * Cholesterol /HDL Ratio (calculated) * Non-HDL Cholesterol (calculated) * Hemoglobin A1c * Glucose * Direct LDL
Clinical Significance	The purpose of this offering is to permit the assessment of risk factors associated with the metabolic syndrome, including cardiovascular risk and an identification of individuals at higher risk of developing diabetes mellitus.
Effective Date	1/13/2014

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Test Code	91920																																				
CPT Codes	80061, 83036, 82947																																				
Specimen Requirements	3 mL (1 mL minimum) serum AND 1 mL (0.5 mL minimum) whole blood collected in an EDTA (lavender-top) tube																																				
Reject Criteria	See individual tests																																				
Instructions	Patient Preparation: Fasting required. Fasting is defined as no consumption of food or beverage other than water for at least 9-12 hours prior to collection.																																				
Transport Temperature	Refrigerated																																				
Specimen Stability	Serum: Room temperature: 48 hours Refrigerated: 7 days Frozen: 15 days Whole blood: Room temperature and Refrigerated: 7 days Frozen: 6 months																																				
Reference Range	See individual assays																																				
Methodology	See individual assays																																				
Performing Site	Quest Diagnostics Nichols Institute, San Juan Capistrano																																				
CPU Mappings	<table border="1"> <tr> <td colspan="2">4676-1-Lipid Panel</td> </tr> <tr> <td>Result Code</td> <td>Result Name</td> </tr> <tr> <td>437</td> <td>Cholesterol, Total</td> </tr> <tr> <td>414</td> <td>Triglycerides, Serum</td> </tr> <tr> <td>417</td> <td>HDL Cholesterol</td> </tr> <tr> <td>7032</td> <td>LDL Chol, Calculated</td> </tr> <tr> <td>7054</td> <td>Cholesterol/HDL Ratio</td> </tr> <tr> <td>25017210</td> <td>Non-HDL Cholesterol</td> </tr> <tr> <td colspan="2">*TR 4676-2-Cholesterol, Direct LDL</td> </tr> <tr> <td>Result Code</td> <td>Result Name</td> </tr> <tr> <td>4102</td> <td>Direct LDL</td> </tr> <tr> <td colspan="2">*TR (True Reflexing Flag) <i>CPU interface clients: If you are set up to use our True Reflexing option, build the unit code with the TR flag (indicated above) separately.</i></td> </tr> <tr> <td colspan="2">496-Hemoglobin A1c</td> </tr> <tr> <td>Result Code</td> <td>Result Name</td> </tr> <tr> <td>50026400</td> <td>Hemoglobin A1c</td> </tr> <tr> <td colspan="2">(483X) {67777P} [629]-Glucose</td> </tr> <tr> <td>Result Code</td> <td>Result Name</td> </tr> <tr> <td>629</td> <td>Glucose</td> </tr> </table>	4676-1-Lipid Panel		Result Code	Result Name	437	Cholesterol, Total	414	Triglycerides, Serum	417	HDL Cholesterol	7032	LDL Chol, Calculated	7054	Cholesterol/HDL Ratio	25017210	Non-HDL Cholesterol	*TR 4676-2-Cholesterol, Direct LDL		Result Code	Result Name	4102	Direct LDL	*TR (True Reflexing Flag) <i>CPU interface clients: If you are set up to use our True Reflexing option, build the unit code with the TR flag (indicated above) separately.</i>		496-Hemoglobin A1c		Result Code	Result Name	50026400	Hemoglobin A1c	(483X) {67777P} [629]-Glucose		Result Code	Result Name	629	Glucose
4676-1-Lipid Panel																																					
Result Code	Result Name																																				
437	Cholesterol, Total																																				
414	Triglycerides, Serum																																				
417	HDL Cholesterol																																				
7032	LDL Chol, Calculated																																				
7054	Cholesterol/HDL Ratio																																				
25017210	Non-HDL Cholesterol																																				
*TR 4676-2-Cholesterol, Direct LDL																																					
Result Code	Result Name																																				
4102	Direct LDL																																				
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50026400	Hemoglobin A1c																																				
(483X) {67777P} [629]-Glucose																																					
Result Code	Result Name																																				
629	Glucose																																				
Additional Information	If the Triglyceride result is >400 mg/dL, Direct LDL will be performed at an additional charge (CPT code(s): 83721).																																				

Paliperidone								
Clinical Significance	Paliperidone is an atypical antipsychotic drug. It is identical to 9-hydroxyrisperidone, the pharmacological active metabolite of risperidone, and has a similar pharmacological profile as risperidone. For treatment optimization, monitoring paliperidone serum concentrations may be useful.							
Effective Date	1/13/2014							
Test Code	91895							
CPT Codes	80299							
Specimen Requirements	3 mL (1.5 mL minimum) serum collected in a red-top tube (no gel)							
Reject Criteria	Serum separator tube; gross hemolysis; gross lipemia							
Transport Temperature	Room temperature							
Specimen Stability	Room temperature: 7 days Refrigerated: 31 days Frozen: 60 days							
Set-up/Analytic Time	Set up: Tues, Thurs, Sat; Report available: 2-4 days							
Reference Range	20-60 ng/mL							
Methodology	Liquid Chromatography/Tandem Mass Spectrometry (LC/MS/MS)							
Performing Site	Quest Diagnostics Nichols Institute, Valencia							
CPU Mappings	<table border="1"> <thead> <tr> <th>Result Code</th> <th>Result Name</th> <th>Unit of Measure</th> </tr> </thead> <tbody> <tr> <td>86010140</td> <td>Paliperidone</td> <td>ng/mL</td> </tr> </tbody> </table>		Result Code	Result Name	Unit of Measure	86010140	Paliperidone	ng/mL
Result Code	Result Name	Unit of Measure						
86010140	Paliperidone	ng/mL						

Rickettsia Conorii Antibody Panel, IFA		
Clinical Significance	Rickettsia conorii infection, also known as Boutonneuse fever or Mediterranean spotted fever, is found in India, Africa, and the Mediterranean area. Measurement of IgG and/or IgM to R. conorii is a useful tool for diagnosing the infection and estimating the time since exposure.	
Effective Date	1/13/2014	
Test Code	15332	
CPT Codes	86757 (x2)	
Specimen Requirements	1 mL (0.2 mL minimum) serum	
Transport Temperature	Room temperature	
Specimen Stability	Room temperature: 7 days Refrigerated: 14 days Frozen: 30 days	
Set-up/Analytic Time	Set up: Mon-Fri; Report available: 1-4 days	
Reference Range	R. conorii IgG <1:64 R. conorii IgM <1:64 Interpretation Antibody Not Detected	
Always Message	Rickettsia conorii infection, also known as Boutonneuse fever or Mediterranean spotted fever, is found in India, Africa, and the Mediterranean area. Due to the high degree of DNA homology (90%) between R. conorii and R. rickettsii, antibodies from most patients with R. conorii infection are also detected in assays for R. rickettsii antibodies.	

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	<p>IgM reactivity in the absence of IgG reactivity may represent false positive reaction. Recent infection should be confirmed by demonstrating either IgG seroconversion or a four-fold or greater increase in IgG titer when acute and convalescent sera are tested in parallel.</p> <p>This test was developed and its performance characteristics have been determined by Focus Diagnostics. Performance characteristics refer to the analytical performance of the test.</p>									
Methodology	Indirect fluorescent antibody (IFA)									
Assay Category	Laboratory Developed Test									
Performing Site	Focus Diagnostics, Inc.									
CPU Mappings	<table border="1"> <thead> <tr> <th>Result Code</th> <th>Result Name</th> </tr> </thead> <tbody> <tr> <td>4140</td> <td>R. conorii IgG</td> </tr> <tr> <td>4141</td> <td>R. conorii IgM</td> </tr> <tr> <td>9999</td> <td>Interpretation</td> </tr> </tbody> </table>		Result Code	Result Name	4140	R. conorii IgG	4141	R. conorii IgM	9999	Interpretation
Result Code	Result Name									
4140	R. conorii IgG									
4141	R. conorii IgM									
9999	Interpretation									

Strongyloides Antibody (IgG)					
Clinical Significance	<p>Strongyloides stercoralis is a parasitic nematode found in tropical and subtropical regions. Because of low larval densities in feces, stool examination is a relatively insensitive diagnostic test; antibody detection offers increased sensitivity. Patients with latent infections who are immunosuppressed or receiving immunosuppressive therapy are at risk of life-threatening hyperinfection. The assay shows 80% sensitivity and 80% specificity compared to the CDC assay. Significant crossreactivity may be observed with filarial and other nematode infections.</p>				
Effective Date	1/13/2014				
Test Code	34309				
CPT Codes	86682				
Specimen Requirements	1.0 mL (0.5 mL minimum) serum				
Transport Temperature	Room temperature				
Specimen Stability	Room temperature: 7 days Refrigerated: 14 days Frozen: 30 days				
Set-up/Analytic Time	Set up: Mon, Wed, Fri; Report available 1-4 days				
Always Message	<p>Reference Range: Negative</p> <p>Strongyloides stercoralis is a parasitic nematode found in tropical and subtropical regions. Because of low larval densities in feces, stool examination is a relatively insensitive diagnostic test; antibody detection offers increased sensitivity. Patients with latent infections who are immunosuppressed or receiving immunosuppressive therapy are at risk of life-threatening hyperinfection. Significant crossreactivity may be observed in other helminth infections.</p>				
Methodology	Immunoassay				
Performing Site	Focus Diagnostics				
CPU Mappings	<table border="1"> <thead> <tr> <th>Result Code</th> <th>Result Name</th> </tr> </thead> <tbody> <tr> <td>85968110</td> <td>Strongyloides IgG</td> </tr> </tbody> </table>	Result Code	Result Name	85968110	Strongyloides IgG
Result Code	Result Name				
85968110	Strongyloides IgG				

Temazepam and Oxazepam, Serum

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Clinical Significance	<p>Temazepam: Temazepam is one of several drugs of the class known as benzodiazepines. These drugs produce a variety of effects, but most cause some degree of drowsiness (sedation). Temazepam is used almost exclusively as a hypnotic, or drug given to help people fall asleep. It is nearly always taken just before bedtime.</p> <p>Oxazepam: For the therapeutic drug monitoring of anxiolytic therapy. Plasma peak levels are reached in about 3 hours following oral administration. Elimination half-life is 5.7-10.9 hours.</p>										
Effective Date	1/13/2014										
Test Code	6313										
CPT Codes	80154										
Specimen Requirements	2 mL (1 mL minimum) serum collected in a red-top tube (no gel)										
Reject Criteria	Serum separator tubes										
Transport Temperature	Refrigerated										
Specimen Stability	<p>Room temperature: Unacceptable</p> <p>Refrigerated: 5 days</p> <p>Frozen: 14 days</p>										
Set-up/Analytic Time	Set-up: Tues, Thurs, Sat; Report available: 1-3 days										
Reference Range	<table border="1"> <tr> <td>Temazepam:</td> <td>50-1000 ng/mL</td> </tr> <tr> <td>Oxazepam:</td> <td>200-500 ng/mL</td> </tr> </table>		Temazepam:	50-1000 ng/mL	Oxazepam:	200-500 ng/mL					
Temazepam:	50-1000 ng/mL										
Oxazepam:	200-500 ng/mL										
Always Message	<table border="1"> <tr> <td colspan="2">Oxazepam:</td> </tr> <tr> <td>Therapeutic range:</td> <td>200-500 ng/mL</td> </tr> <tr> <td>Potentially toxic:</td> <td>>2000 ng/mL</td> </tr> </table>		Oxazepam:		Therapeutic range:	200-500 ng/mL	Potentially toxic:	>2000 ng/mL			
Oxazepam:											
Therapeutic range:	200-500 ng/mL										
Potentially toxic:	>2000 ng/mL										
Methodology	Liquid Chromatography/Tandem Mass Spectrometry (LC/MS/MS)										
Performing Site	Quest Diagnostics Nichols Institute, Valencia										
CPU Mappings	<table border="1"> <thead> <tr> <th>Result Code</th> <th>Result Name</th> <th>Unit of Measure</th> </tr> </thead> <tbody> <tr> <td>86010156</td> <td>Temazepam</td> <td>ng/mL</td> </tr> <tr> <td>86008228</td> <td>Oxazepam</td> <td>ng/mL</td> </tr> </tbody> </table>		Result Code	Result Name	Unit of Measure	86010156	Temazepam	ng/mL	86008228	Oxazepam	ng/mL
Result Code	Result Name	Unit of Measure									
86010156	Temazepam	ng/mL									
86008228	Oxazepam	ng/mL									

Antigen-induced Lymphocyte Proliferation Panel (Candida, Tetanus, TB PPD)	
Message	**This test is not available for New York patient testing**
Clinical Significance	Measurement of human lymphocyte proliferative responses to various stimuli is a fundamental technique used to assess their biological status and functions. Lymphocyte proliferation response to antigens, such as candida, tetanus toxoid and tuberculin purified protein derivative (PPD), are evaluated as a function of memory in cell-mediated immunity.
Effective Date	1/27/2014
Test Code	91977
CPT Codes	86353 (x3)
Specimen Requirements	10 mL (5 mL minimum) whole blood collected in a sodium heparin (green-top) tube

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Reject Criteria	Received refrigerated; received frozen; hemolysis; clotted specimens																																				
Instructions	<p>Whole blood must be transported at room temperature and delivered to the testing laboratory preferably within 48 hours after collection. Submit Monday through Thursday only.</p> <p>Maintain and transport blood at room temperature. Avoid temperatures <15° C and >37° C. In hot weather, it may be necessary to pack the specimen in a container with insulating material around it and place this container inside another one that contains a cold pack (ice pack) and absorbent material. This method will help retain the specimen at ambient temperature.</p> <p>For longitudinal studies, draw specimens at the same time of day to minimize diurnal variation.</p>																																				
Transport Temperature	Room temperature																																				
Specimen Stability	Room temperature: 48 hours Refrigerated and Frozen: Unacceptable																																				
Set-up/Analytic Time	Set up: Tues, Thurs, Fri, Sat; Report available: 7-10 days																																				
Reference Range	Accompanies Report																																				
Methodology	Cell culture and scintillation counter																																				
Performing Site	Quest Diagnostics Nichols Institute, San Juan Capistrano																																				
CPU Mappings	<table border="1"> <thead> <tr> <th colspan="3">91977-1 Candida-induced Lymphocyte Proliferation</th> </tr> <tr> <th>Result Code</th> <th>Result Name</th> <th>Unit of Measure</th> </tr> </thead> <tbody> <tr> <td>86010360</td> <td>Candida Antigen, CPM</td> <td>Net CPM</td> </tr> <tr> <td>86000891</td> <td>Candida Antigen, SI</td> <td>SI</td> </tr> <tr> <th colspan="3">91977-2 Tetanus-induced Lymphocyte Proliferation</th> </tr> <tr> <th>Result Code</th> <th>Result Name</th> <th>Unit of Measure</th> </tr> <tr> <td>86010366</td> <td>Tetanus Toxoid, CPM</td> <td>Net CPM</td> </tr> <tr> <td>86000888</td> <td>Tetanus Toxoid, SI</td> <td>SI</td> </tr> <tr> <th colspan="3">91977-3 Tuberculin PPD-induced Lymphocyte Proliferation</th> </tr> <tr> <th>Result Code</th> <th>Result Name</th> <th>Unit of Measure</th> </tr> <tr> <td>86010367</td> <td>Tuberculin PPD, CPM</td> <td>Net CPM</td> </tr> <tr> <td>86000886</td> <td>Tuberculin PPD, SI</td> <td>SI</td> </tr> </tbody> </table>	91977-1 Candida-induced Lymphocyte Proliferation			Result Code	Result Name	Unit of Measure	86010360	Candida Antigen, CPM	Net CPM	86000891	Candida Antigen, SI	SI	91977-2 Tetanus-induced Lymphocyte Proliferation			Result Code	Result Name	Unit of Measure	86010366	Tetanus Toxoid, CPM	Net CPM	86000888	Tetanus Toxoid, SI	SI	91977-3 Tuberculin PPD-induced Lymphocyte Proliferation			Result Code	Result Name	Unit of Measure	86010367	Tuberculin PPD, CPM	Net CPM	86000886	Tuberculin PPD, SI	SI
91977-1 Candida-induced Lymphocyte Proliferation																																					
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86000891	Candida Antigen, SI	SI																																			
91977-2 Tetanus-induced Lymphocyte Proliferation																																					
Result Code	Result Name	Unit of Measure																																			
86010366	Tetanus Toxoid, CPM	Net CPM																																			
86000888	Tetanus Toxoid, SI	SI																																			
91977-3 Tuberculin PPD-induced Lymphocyte Proliferation																																					
Result Code	Result Name	Unit of Measure																																			
86010367	Tuberculin PPD, CPM	Net CPM																																			
86000886	Tuberculin PPD, SI	SI																																			

Candida-induced Lymphocyte Proliferation	
Message	**This test is not available for New York patient testing**
Clinical Significance	Measurement of human lymphocytes' proliferative responses to various stimuli is a fundamental technique used to assess their biological status and functions. Lymphocyte proliferation response to antigens, such as Candida, tetanus toxoid and tuberculin purified protein derivative (PPD), are evaluated as a function of memory in cell-mediated immunity.
Effective Date	1/27/2014
Test Code	17270
CPT Codes	86353
Specimen Requirements	10 mL (3 mL minimum) whole blood collected in a sodium heparin (green-top) tube

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Reject Criteria	Received refrigerated; received frozen; hemolysis; clotted specimens											
Instructions	<p>Whole blood must be transported at room temperature and delivered to the testing laboratory preferably within 48 hours after collection. Submit Monday through Thursday only.</p> <p>Maintain and transport blood at room temperature. Avoid temperatures <15° C and >37° C. In hot weather, it may be necessary to pack the specimen in a container with insulating material around it and place this container inside another one that contains a cold pack (ice pack) and absorbent material. This method will help retain the specimen at ambient temperature.</p> <p>For longitudinal studies, draw specimens at the same time of day to minimize diurnal variation.</p>											
Transport Temperature	Room temperature											
Specimen Stability	Room temperature: 48 hours Refrigerated and Frozen: Unacceptable											
Set-up/Analytic Time	Set up: Tues, Thurs, Fri, Sat; Report available: 7-10 days											
Reference Range	Accompanies Report											
Methodology	Cell culture and scintillation counter											
Performing Site	Quest Diagnostics Nichols Institute, San Juan Capistrano											
CPU Mappings	<table border="1"> <thead> <tr> <th>Result Code</th> <th>Result Name</th> <th>Unit of Measure</th> </tr> </thead> <tbody> <tr> <td>86010360</td> <td>Candida Antigen, CPM</td> <td>Net CPM</td> </tr> <tr> <td>86000891</td> <td>Candida Antigen, SI</td> <td>SI</td> </tr> </tbody> </table>			Result Code	Result Name	Unit of Measure	86010360	Candida Antigen, CPM	Net CPM	86000891	Candida Antigen, SI	SI
Result Code	Result Name	Unit of Measure										
86010360	Candida Antigen, CPM	Net CPM										
86000891	Candida Antigen, SI	SI										

Concanavalin A (Con A)-induced Lymphocyte Proliferation	
Message	<i>**This test is not available for New York patient testing**</i>
Clinical Significance	Measurement of human lymphocytes' proliferative responses to various stimuli is a fundamental technique used to assess their biological status and functions. Mitogens, such as plant lectins phytohemagglutinin (PHA), concanavalin A (Con A) and pokeweed mitogen (PWM), are able to nonspecifically stimulate lymphocyte proliferation and used to evaluate patient immune responsiveness.
Effective Date	1/27/2014
Test Code	91982
CPT Codes	86353
Specimen Requirements	10 mL (3 mL minimum) whole blood collected in a sodium heparin (green-top) tube
Reject Criteria	Received refrigerated; received frozen; hemolysis; clotted specimens
Instructions	<p>Whole blood must be transported at room temperature and delivered to the testing laboratory preferably within 48 hours after collection. Submit Monday through Thursday only.</p> <p>Maintain and transport blood at room temperature. Avoid temperatures <15° C and >37° C. In hot weather, it may be necessary to pack the specimen in a container with insulating material around it and place this container inside another one that contains a cold pack (ice pack) and absorbent material. This method will help retain the specimen at ambient temperature.</p> <p>For longitudinal studies, draw specimens at the same time of day to minimize diurnal variation.</p>
Transport Temperature	Room temperature
Specimen Stability	Room temperature: 48 hours Refrigerated and Frozen: Unacceptable
Set-up/Analytic Time	Set up: Tues, Thurs, Fri, Sat; Report available: 5-8 days

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Reference Range	Accompanies Report											
Methodology	Cell culture and scintillation counter											
Performing Site	Quest Diagnostics Nichols Institute, San Juan Capistrano											
CPU Mappings	<table border="1"> <thead> <tr> <th>Result Code</th> <th>Result Name</th> <th>Unit of Measure</th> </tr> </thead> <tbody> <tr> <td>86010372</td> <td>Con A, CPM</td> <td>Net CPM</td> </tr> <tr> <td>86010373</td> <td>Con A, SI</td> <td>SI</td> </tr> </tbody> </table>			Result Code	Result Name	Unit of Measure	86010372	Con A, CPM	Net CPM	86010373	Con A, SI	SI
Result Code	Result Name	Unit of Measure										
86010372	Con A, CPM	Net CPM										
86010373	Con A, SI	SI										

Mitogen- and Antigen-induced Lymphocyte Proliferation Panel																									
Message	**This test is not available for New York patient testing**																								
Clinical Significance	Measurement of human lymphocytes' proliferative responses to various stimuli is a fundamental technique used to assess their biological status and functions. Mitogens, such as plant lectins phytohemagglutinin (PHA), concanavalin A (Con A) and pokeweed mitogen (PWM), are able to nonspecifically stimulate lymphocyte proliferation and used to evaluate patient immune responsiveness. Lymphocyte proliferation response to antigens, such as candida, tetanus toxoid and tuberculin purified protein derivative (PPD), are evaluated as a function of memory in cell-mediated immunity.																								
Effective Date	1/27/2014																								
Test Code	91978																								
CPT Codes	86353 (x6)																								
Specimen Requirements	20 mL (10 mL minimum) whole blood collected in a sodium heparin (green-top) tube																								
Reject Criteria	Received refrigerated; received frozen; hemolysis; clotted specimens																								
Instructions	<p>Whole blood must be transported at room temperature and delivered to the testing laboratory preferably within 48 hours after collection. Submit Monday through Thursday only.</p> <p>Maintain and transport blood at room temperature. Avoid temperatures <15° C and >37° C. In hot weather, it may be necessary to pack the specimen in a container with insulating material around it and place this container inside another one that contains a cold pack (ice pack) and absorbent material. This method will help retain the specimen at ambient temperature.</p> <p>For longitudinal studies, draw specimens at the same time of day to minimize diurnal variation.</p>																								
Transport Temperature	Room temperature																								
Specimen Stability	Room temperature: 48 hours Refrigerated and Frozen: Unacceptable																								
Set-up/Analytic Time	See individual assays																								
Reference Range	Accompanies Report																								
Methodology	Cell culture and scintillation counter																								
Performing Site	Quest Diagnostics Nichols Institute, San Juan Capistrano																								
CPU Mappings	<table border="1"> <thead> <tr> <th colspan="3">91978-1 Phytohemagglutinin (PHA)-induced Lymphocyte Proliferation</th> </tr> <tr> <th>Result Code</th> <th>Result Name</th> <th>Unit of Measure</th> </tr> </thead> <tbody> <tr> <td>86010368</td> <td>PHA, CPM</td> <td>Net CPM</td> </tr> <tr> <td>86010369</td> <td>PHA, SI</td> <td>SI</td> </tr> </tbody> </table> <table border="1"> <thead> <tr> <th colspan="3">91978-2 Concanavalin A (Con A)-induced Lymphocyte Proliferation</th> </tr> <tr> <th>Result Code</th> <th>Result Name</th> <th>Unit of Measure</th> </tr> </thead> <tbody> <tr> <td>86010372</td> <td>Con A, CPM</td> <td>Net CPM</td> </tr> <tr> <td>86010373</td> <td>Con A, SI</td> <td>SI</td> </tr> </tbody> </table>	91978-1 Phytohemagglutinin (PHA)-induced Lymphocyte Proliferation			Result Code	Result Name	Unit of Measure	86010368	PHA, CPM	Net CPM	86010369	PHA, SI	SI	91978-2 Concanavalin A (Con A)-induced Lymphocyte Proliferation			Result Code	Result Name	Unit of Measure	86010372	Con A, CPM	Net CPM	86010373	Con A, SI	SI
91978-1 Phytohemagglutinin (PHA)-induced Lymphocyte Proliferation																									
Result Code	Result Name	Unit of Measure																							
86010368	PHA, CPM	Net CPM																							
86010369	PHA, SI	SI																							
91978-2 Concanavalin A (Con A)-induced Lymphocyte Proliferation																									
Result Code	Result Name	Unit of Measure																							
86010372	Con A, CPM	Net CPM																							
86010373	Con A, SI	SI																							

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Result Code	Result Name	Unit of Measure
86010372	Con A, CPM	Net CPM
86010373	Con A, SI	SI
91978-3 Pokeweed Mitogen (PWM)-induced Lymphocyte Proliferation		
Result Code	Result Name	Unit of Measure
86010370	PWM, CPM	Net CPM
86010371	PWM, SI	SI
91978-4 Candida-induced Lymphocyte Proliferation		
Result Code	Result Name	Unit of Measure
86010360	Candida Antigen, CPM	Net CPM
86000891	Candida Antigen, SI	SI
91978-5 Tetanus-induced Lymphocyte Proliferation		
Result Code	Result Name	Unit of Measure
86010366	Tetanus Toxoid, CPM	Net CPM
86000888	Tetanus Toxoid, SI	SI
91978-6 Tuberculin PPD-induced Lymphocyte Proliferation		
Result Code	Result Name	Unit of Measure
86010367	Tuberculin PPD, CPM	Net CPM
86000886	Tuberculin PPD, SI	SI

Mitogen-induced Lymphocyte Proliferation Panel (PHA, Con A, PWM)	
Message	**This test is not available for New York patient testing**
Clinical Significance	Measurement of human lymphocytes' proliferative responses to various stimuli is a fundamental technique used to assess their biological status and functions. Mitogens, such as plant lectins phytohemagglutinin (PHA), concanavalin A (Con A) and pokeweed mitogen (PWM), are able to nonspecifically stimulate lymphocyte proliferation and used to evaluate patient immune responsiveness.
Effective Date	1/27/2014
Test Code	91976
CPT Codes	86353 (x3)
Specimen Requirements	10 mL (5 mL minimum) whole blood collected in a sodium heparin (green-top) tube
Reject Criteria	Received refrigerated; received frozen; hemolysis; clotted specimens
Instructions	<p>Whole blood must be transported at room temperature and delivered to the testing laboratory preferably within 48 hours after collection. Submit Monday through Thursday only.</p> <p>Maintain and transport blood at room temperature. Avoid temperatures <15° C and >37° C. In hot weather, it may be necessary to pack the specimen in a container with insulating material around it and place this container inside another one that contains a cold pack (ice pack) and absorbent material. This method will help retain the specimen at ambient temperature.</p> <p>For longitudinal studies, draw specimens at the same time of day to minimize diurnal variation.</p>

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Transport Temperature	Room temperature																																				
Specimen Stability	Room temperature: 48 hours Refrigerated and Frozen: Unacceptable																																				
Set-up/Analytic Time	Set up: Tues, Thurs, Fri, Sat; Report available: 5-8 days																																				
Reference Range	Accompanies Report																																				
Methodology	Cell culture and scintillation counter																																				
Performing Site	Quest Diagnostics Nichols Institute, San Juan Capistrano																																				
CPU Mappings	<table border="1"> <thead> <tr> <th colspan="3">91976-1 Phytohemagglutinin (PHA)-induced Lymphocyte Proliferation</th> </tr> <tr> <th>Result Code</th> <th>Result Name</th> <th>Unit of Measure</th> </tr> </thead> <tbody> <tr> <td>86010368</td> <td>PHA, CPM</td> <td>Net CPM</td> </tr> <tr> <td>86010369</td> <td>PHA, SI</td> <td>SI</td> </tr> </tbody> </table> <table border="1"> <thead> <tr> <th colspan="3">91976-2 Concanavalin A (Con A)-induced Lymphocyte Proliferation</th> </tr> <tr> <th>Result Code</th> <th>Result Name</th> <th>Unit of Measure</th> </tr> </thead> <tbody> <tr> <td>86010372</td> <td>Con A, CPM</td> <td>Net CPM</td> </tr> <tr> <td>86010373</td> <td>Con A, SI</td> <td>SI</td> </tr> </tbody> </table> <table border="1"> <thead> <tr> <th colspan="3">91976-3 Pokeweed Mitogen (PWM)-induced Lymphocyte Proliferation</th> </tr> <tr> <th>Result Code</th> <th>Result Name</th> <th>Unit of Measure</th> </tr> </thead> <tbody> <tr> <td>86010370</td> <td>PWM, CPM</td> <td>Net CPM</td> </tr> <tr> <td>86010371</td> <td>PWM, SI</td> <td>SI</td> </tr> </tbody> </table>	91976-1 Phytohemagglutinin (PHA)-induced Lymphocyte Proliferation			Result Code	Result Name	Unit of Measure	86010368	PHA, CPM	Net CPM	86010369	PHA, SI	SI	91976-2 Concanavalin A (Con A)-induced Lymphocyte Proliferation			Result Code	Result Name	Unit of Measure	86010372	Con A, CPM	Net CPM	86010373	Con A, SI	SI	91976-3 Pokeweed Mitogen (PWM)-induced Lymphocyte Proliferation			Result Code	Result Name	Unit of Measure	86010370	PWM, CPM	Net CPM	86010371	PWM, SI	SI
91976-1 Phytohemagglutinin (PHA)-induced Lymphocyte Proliferation																																					
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Result Code	Result Name	Unit of Measure																																			
86010370	PWM, CPM	Net CPM																																			
86010371	PWM, SI	SI																																			

Phytohemagglutinin (PHA)-induced Lymphocyte Proliferation	
Message	**This test is not available for New York patient testing**
Clinical Significance	Measurement of human lymphocytes' proliferative responses to various stimuli is a fundamental technique used to assess their biological status and functions. Mitogens, such as plant lectins phytohemagglutinin (PHA), concanavalin A (Con A) and pokeweed mitogen (PWM), are able to nonspecifically stimulate lymphocyte proliferation and used to evaluate patient immune responsiveness.
Effective Date	1/27/2014
Test Code	91980
CPT Codes	86353
Specimen Requirements	10 mL (3 mL minimum) whole blood collected in a sodium heparin (green-top) tube
Reject Criteria	Received refrigerated; received frozen; hemolysis; clotted specimens
Instructions	<p>Whole blood must be transported at room temperature and delivered to the testing laboratory preferably within 48 hours after collection. Submit Monday through Thursday only.</p> <p>Maintain and transport blood at room temperature. Avoid temperatures <15° C and >37° C. In hot weather, it may be necessary to pack the specimen in a container with insulating material around it and place this container inside another one that contains a cold pack (ice pack) and absorbent material. This method will help retain the specimen at ambient temperature.</p> <p>For longitudinal studies, draw specimens at the same time of day to minimize diurnal variation.</p>
Transport Temperature	Room temperature

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Specimen Stability	Room temperature: 48 hours Refrigerated and Frozen: Unacceptable											
Set-up/Analytic Time	Set up: Tues, Thurs, Fri, Sat; Report available: 5-8 days											
Reference Range	Accompanies Report											
Methodology	Cell culture and scintillation counter											
Performing Site	Quest Diagnostics Nichols Institute, San Juan Capistrano											
CPU Mappings	<table border="1"> <thead> <tr> <th>Result Code</th> <th>Result Name</th> <th>Unit of Measure</th> </tr> </thead> <tbody> <tr> <td>86010368</td> <td>PHA, CPM</td> <td>Net CPM</td> </tr> <tr> <td>86010369</td> <td>PHA, SI</td> <td>SI</td> </tr> </tbody> </table>			Result Code	Result Name	Unit of Measure	86010368	PHA, CPM	Net CPM	86010369	PHA, SI	SI
Result Code	Result Name	Unit of Measure										
86010368	PHA, CPM	Net CPM										
86010369	PHA, SI	SI										

Pokeweed Mitogen (PWM)-induced Lymphocyte Proliferation												
Message	**This test is not available for New York patient testing**											
Clinical Significance	Measurement of human lymphocytes' proliferative responses to various stimuli is a fundamental technique used to assess their biological status and functions. Mitogens, such as plant lectins phytohemagglutinin (PHA), concanavalin A (Con A) and pokeweed mitogen (PWM), are able to nonspecifically stimulate lymphocyte proliferation and used to evaluate patient immune responsiveness.											
Effective Date	1/27/2014											
Test Code	91981											
CPT Codes	86353											
Specimen Requirements	10 mL (3 mL minimum) whole blood collected in a sodium heparin (green-top) tube											
Reject Criteria	Received refrigerated; received frozen; hemolysis; clotted specimens											
Instructions	<p>Whole blood must be transported at room temperature and delivered to the testing laboratory preferably within 48 hours after collection. Submit Monday through Thursday only.</p> <p>Maintain and transport blood at room temperature. Avoid temperatures <15° C and >37° C. In hot weather, it may be necessary to pack the specimen in a container with insulating material around it and place this container inside another one that contains a cold pack (ice pack) and absorbent material. This method will help retain the specimen at ambient temperature.</p> <p>For longitudinal studies, draw specimens at the same time of day to minimize diurnal variation.</p>											
Transport Temperature	Room temperature											
Specimen Stability	Room temperature: 48 hours Refrigerated and Frozen: Unacceptable											
Set-up/Analytic Time	Set up: Tues, Thurs, Fri, Sat; Report available: 5-8 days											
Reference Range	Accompanies Report											
Methodology	Cell culture and scintillation counter											
Performing Site	Quest Diagnostics Nichols Institute, San Juan Capistrano											
CPU Mappings	<table border="1"> <thead> <tr> <th>Result Code</th> <th>Result Name</th> <th>Unit of Measure</th> </tr> </thead> <tbody> <tr> <td>86010370</td> <td>PWM, CPM</td> <td>Net CPM</td> </tr> <tr> <td>86010371</td> <td>PWM, SI</td> <td>SI</td> </tr> </tbody> </table>			Result Code	Result Name	Unit of Measure	86010370	PWM, CPM	Net CPM	86010371	PWM, SI	SI
Result Code	Result Name	Unit of Measure										
86010370	PWM, CPM	Net CPM										
86010371	PWM, SI	SI										

Streptococcus pneumoniae IgG Ab (23 serotypes), MAID																																
Clinical Significance	Responses to pneumococcal vaccines are demonstrated by 2-to 4-fold increases in the levels of IgG recognizing approximately 70% of the serotypes contained within a given pneumococcal vaccine.																															
Effective Date	1/27/2014																															
Test Code	16963																															
CPT Codes	86317 (x23)																															
Specimen Requirements	0.5 mL (0.25 mL minimum) serum																															
Transport Temperature	Room temperature																															
Specimen Stability	Room temperature: 7 days Refrigerated: 14 days Frozen: 90 days																															
Set-up/Analytic Time	Set up: Mon-Fri; Report available: 1-4 days																															
Units Of Measure	mcg/mL																															
Always Message	<p>Note: Serotype designation are American nomenclature, with Danish nomenclature in parenthesis.</p> <p>Studies from the 1980's using radioimmunoassay suggested that vaccine-induced <i>S. pneumoniae</i> type-specific antibody levels of approximately 2.0 mcg/mL were protective against invasive pneumococcal disease. Newer methods (ELISA and multiplexed immunoassay) incorporating an absorption step to remove cross-reactive antibodies yield results that are comparable to each other, but are lower than those obtained with the original radioimmunoassay. Rigorous studies of protective antibody levels as determined by the newer methods have not been performed. In addition to antibody quantity, protection also depends on antibody avidity and opsonophagocytic activity.</p> <p>Evaluation of the response to pneumococcal vaccination is best accomplished by comparing pre-vaccination and post-vaccination antibody levels. A 2- to 4-fold increase in type-specific antibodies measured 4-6 weeks after vaccination is expected in immunocompetent adults. The number of serotypes for which a 2- to 4-fold increase is observed varies greatly among individuals; a consensus panel has suggested that individuals older than 5 years should respond to at least approximately 70% of pneumococcal serotypes. Adults >65 years old may exhibit a smaller (<2-fold) increase in type-specific antibody levels.</p> <p>This test was developed and its performance characteristics have been determined by Focus Diagnostics. Performance characteristics refer to the analytical performance of the test.</p>																															
Methodology	MAID																															
Performing Site	Focus Diagnostics, Inc.																															
CPU Mappings	<table border="1"> <thead> <tr> <th>Result Code</th> <th>Result Name</th> <th>Unit of Measure</th> </tr> </thead> <tbody> <tr> <td>85967090</td> <td>Serotype 1 (1)</td> <td>mcg/mL</td> </tr> <tr> <td>86004283</td> <td>Serotype 2 (2)</td> <td>mcg/mL</td> </tr> <tr> <td>85967100</td> <td>Serotype 3 (3)</td> <td>mcg/mL</td> </tr> <tr> <td>86002136</td> <td>Serotype 4 (4)</td> <td>mcg/mL</td> </tr> <tr> <td>86002146</td> <td>Serotype 5 (5)</td> <td>mcg/mL</td> </tr> <tr> <td>86002147</td> <td>Serotype 8 (8)</td> <td>mcg/mL</td> </tr> <tr> <td>86002148</td> <td>Serotype 9 (9N)</td> <td>mcg/mL</td> </tr> <tr> <td>86002149</td> <td>Serotype 12 (12F)</td> <td>mcg/mL</td> </tr> <tr> <td>85967110</td> <td>Serotype 14 (14)</td> <td>mcg/mL</td> </tr> </tbody> </table>		Result Code	Result Name	Unit of Measure	85967090	Serotype 1 (1)	mcg/mL	86004283	Serotype 2 (2)	mcg/mL	85967100	Serotype 3 (3)	mcg/mL	86002136	Serotype 4 (4)	mcg/mL	86002146	Serotype 5 (5)	mcg/mL	86002147	Serotype 8 (8)	mcg/mL	86002148	Serotype 9 (9N)	mcg/mL	86002149	Serotype 12 (12F)	mcg/mL	85967110	Serotype 14 (14)	mcg/mL
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85967110	Serotype 14 (14)	mcg/mL																														

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86004284	Serotype 17 (17F)	mcg/mL
85967120	Serotype 19 (19F)	mcg/mL
86004285	Serotype 20 (20)	mcg/mL
86004286	Serotype 22 (22F)	mcg/mL
85967130	Serotype 23 (23F)	mcg/mL
86002140	Serotype 26 (6B)	mcg/mL
86004287	Serotype 34 (10A)	mcg/mL
86004288	Serotype 43 (11A)	mcg/mL
85967140	Serotype 51 (7F)	mcg/mL
86004289	Serotype 54 (15B)	mcg/mL
86002141	Serotype 56 (18C)	mcg/mL
86004290	Serotype 57 (19A)	mcg/mL
86002142	Serotype 68 (9V)	mcg/mL
76004291	Serotype 70 (33F)	mcg/mL

Streptococcus pneumoniae IgG AB (7 Serotypes), MAID	
Revision Message!	Please note: CPU Mapping was updated to remove analyte <i>Serotype 51</i> and the always message updated Serotype 26 to (6B) effective 12/20/2013.
Clinical Significance	Responses to pneumococcal vaccines are demonstrated by 2- to 4-fold increases in the levels of IgG recognizing approximately 70% of the serotypes contained within a given pneumococcal vaccine.
Effective Date	1/27/2014
Test Code	19563
CPT Codes	86317 (x7)
Specimen Requirements	0.5 mL (0.25 mL minimum) serum
Transport Temperature	Room temperature
Specimen Stability	Room temperature: 7 days Refrigerated: 14 days Frozen: 90 days
Set-up/Analytic Time	Set up: Mon-Fri; Report available: 1-4 days
Units Of Measure	mcg/mL
Always Message	<p>Note: Serotype designations are American nomenclature, with Danish nomenclature in parenthesis. Infants and young children receiving 4 doses of haptavalent pneumococcal conjugate vaccine exhibit reduced frequencies of invasive disease and otitis media caused by <i>S. pneumoniae</i>. Although the minimum serum antibody concentration necessary for protection has not been rigorously established for any pneumococcal serotype, a value in the range of 0.15-0.50 mcg/mL has been suggested. The values shown below, generated by the vaccine manufacturer, represent the lower limit of the 95% confidence interval around the mean for a group of 68 children (mean age 14 months) who received 4 doses of vaccine.</p> <p>Serotype 4 (4) 1.9 mcg/mL Serotype 14 (14) 5.2 mcg/mL Serotype 19 (19F) 1.7 mcg/mL Serotype 23 (23F) 2.9 mcg/mL Serotype 26 (6B) 11.2 mcg/mL</p>

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	<p>Serotype 56 (18C) 2.7 mcg/mL Serotype 68 (9V) 2.8 mcg/mL</p> <p>Comparison of pre-vaccination and post-vaccination antibody levels, rather than assessing post-vaccination antibody levels only, provides a more complete evaluation of the pneumococcal conjugate vaccine response. A 4-fold increase in type-specific antibodies is expected after 4 doses of vaccine.</p> <p>This test was developed and its performance characteristics have been determined by Focus Diagnostics. Performance characteristics refer to the analytical performance of the test</p>																								
Methodology	MAID																								
Performing Site	Focus Diagnostics, Inc.																								
CPU Mappings	<table border="1"> <thead> <tr> <th>Result Code</th> <th>Result Name</th> <th>Unit of Measure</th> </tr> </thead> <tbody> <tr> <td>86002136</td> <td>Serotype 4 (4)</td> <td>mcg/mL</td> </tr> <tr> <td>85967110</td> <td>Serotype 14 (14)</td> <td>mcg/mL</td> </tr> <tr> <td>85967120</td> <td>Serotype 19 (19F)</td> <td>mcg/mL</td> </tr> <tr> <td>85967130</td> <td>Serotype 23 (23F)</td> <td>mcg/mL</td> </tr> <tr> <td>86002140</td> <td>Serotype 26 (6B)</td> <td>mcg/mL</td> </tr> <tr> <td>86002141</td> <td>Serotype 56 (18C)</td> <td>mcg/mL</td> </tr> <tr> <td>86002142</td> <td>Serotype 68 (9V)</td> <td>mcg/mL</td> </tr> </tbody> </table>	Result Code	Result Name	Unit of Measure	86002136	Serotype 4 (4)	mcg/mL	85967110	Serotype 14 (14)	mcg/mL	85967120	Serotype 19 (19F)	mcg/mL	85967130	Serotype 23 (23F)	mcg/mL	86002140	Serotype 26 (6B)	mcg/mL	86002141	Serotype 56 (18C)	mcg/mL	86002142	Serotype 68 (9V)	mcg/mL
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86002141	Serotype 56 (18C)	mcg/mL																							
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Streptococcus pneumoniae IgG Antibody Panel (14 Serotypes), MAID	
Clinical Significance	Responses to pneumococcal vaccines are demonstrated by 2- to 4-fold increases in the levels of IgG recognizing approximately 70% of the serotypes contained within a given pneumococcal vaccine.
Effective Date	1/27/2014
Test Code	19564
CPT Codes	86317 (x14)
Specimen Requirements	0.5 mL (0.25 mL minimum) serum
Transport Temperature	Room temperature
Specimen Stability	Room temperature: 7 days Refrigerated: 14 days Frozen: 90 days
Set-up/Analytic Time	Set up: Mon-Fri; Report available: 1-4 days
Units Of Measure	mcg/mL
Always Message	<p>Note: Serotype designations are American nomenclature, with Danish nomenclature in parenthesis.</p> <p>Studies from the 1980's using radioimmunoassay suggested that vaccine-induced <i>S. pneumoniae</i> type-specific antibody levels of approximately 2.0 mcg/mL were protective against invasive pneumococcal disease. Newer methods (ELISA and multiplexed immunoassay) incorporating an absorption step to remove cross-reactive antibodies yield results that are comparable to each other, but are lower than those obtained with the original radioimmunoassay. Rigorous studies of protective antibody levels as determined by the newer methods have not been performed. In addition to antibody quantity, protection also depends on antibody avidity and opsonophagocytic activity.</p> <p>Evaluation of the response to pneumococcal vaccination is best accomplished by comparing pre-vaccination and post-vaccination antibody levels. A 2- to 4-fold increase in type-specific antibodies measured 4-6 weeks after vaccination is expected in immunocompetent adults. The number of serotypes for which a 2- to 4-fold increase is observed varies greatly among individuals; a consensus</p>

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	<p>panel has suggested that individuals older than 5 years should respond to at least approximately 70% of pneumococcal serotypes. Adults >65 years old may exhibit a smaller (<2-fold) increase in type-specific antibody levels.</p> <p>This test was developed and its performance characteristics have been determined by Focus Diagnostics. Performance characteristics refer to the analytical performance of the test.</p>																																															
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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 names and test codes have been italicized.

Bloom Syndrome DNA Mutation Analysis			
Message	**This test is now available for New York patient testing.**		
Effective Date	1/13/2014		
Former Test Code	<i>S51562</i>		
Test Code	90872		
CPT Codes	81209		
Performing Site	Quest Diagnostics Nichols Institute, San Juan Capistrano		
CPU Mappings	<table border="1"> <thead> <tr> <th>Result Code</th> <th>Result Name</th> </tr> </thead> <tbody> </tbody> </table>	Result Code	Result Name
Result Code	Result Name		

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	86008268	Bloom Syndrome
Additional Information	Update report format. Remove shared assay component.	

Canavan Disease Mutation Analysis						
Message	**This test is now available for New York patient testing.**					
Effective Date	1/13/2014					
Former Test Code	S51568					
Test Code	90905					
CPT Codes	81200					
Performing Site	Quest Diagnostics Nichols Institute, San Juan Capistrano					
CPU Mappings	<table border="1"> <thead> <tr> <th>Result Code</th> <th>Result Name</th> </tr> </thead> <tbody> <tr> <td>86008265</td> <td>Canavan Disease</td> </tr> </tbody> </table>		Result Code	Result Name	86008265	Canavan Disease
Result Code	Result Name					
86008265	Canavan Disease					
Additional Information	Update report format. Remove shared assay component.					

Creatine, Serum	
Effective Date	1/13/2014
Former Test Code	S49683
Test Code	37091
Reference Range	<1.3 mg/dL
Performing Site	Quest Diagnostics Nichols Institute, Chantilly

Familial Dysautonomia Mutation Analysis						
Message	**This test is now available for New York patient testing.**					
Effective Date	1/13/2014					
Former Test Code	S51574					
Test Code	90912					
CPT Codes	81260					
Performing Site	Quest Diagnostics Nichols Institute, San Juan Capistrano					
CPU Mappings	<table border="1"> <thead> <tr> <th>Result Code</th> <th>Result Name</th> </tr> </thead> <tbody> <tr> <td>86008270</td> <td>Familial Dysautonomia</td> </tr> </tbody> </table>		Result Code	Result Name	86008270	Familial Dysautonomia
Result Code	Result Name					
86008270	Familial Dysautonomia					
Additional Information	Update report format. Remove shared assay component.					

Fanconi Anemia DNA Mutation Analysis	
Message	**This test is now available for New York patient testing.**

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Effective Date	1/13/2014					
<i>Former Test Code</i>	S51577					
Test Code	90897					
CPT Codes	81242					
Performing Site	Quest Diagnostics Nichols Institute, San Juan Capistrano					
CPU Mappings	<table border="1"> <thead> <tr> <th>Result Code</th> <th>Result Name</th> </tr> </thead> <tbody> <tr> <td>86008267</td> <td>Fanconi Anemia</td> </tr> </tbody> </table>		Result Code	Result Name	86008267	Fanconi Anemia
Result Code	Result Name					
86008267	Fanconi Anemia					
Additional Information	Update report format. Remove shared assay component.					

FISH, Neonatal Screen																													
Effective Date	1/13/2014																												
<i>Former Test Code</i>	S52301																												
Test Code	36053																												
Performing Site	Quest Diagnostics Nichols Institute, San Juan Capistrano																												
CPU Mappings	<table border="1"> <thead> <tr> <th>Result Code</th> <th>Type</th> <th>Result Name</th> </tr> </thead> <tbody> <tr> <td>85985333</td> <td></td> <td>FISH, Neonatal Screen</td> </tr> <tr> <td>85997860</td> <td>Prompt-Result (no return)</td> <td>Specimen Type/Source/Vol:</td> </tr> <tr> <td>86007537</td> <td>Prompt-Result (no return)</td> <td>Clinical Indication:</td> </tr> <tr> <td>86007538</td> <td>Prompt-Result (no return)</td> <td>Referring Physician:</td> </tr> <tr> <td>85997863</td> <td>Prompt-Result (no return)</td> <td>Referring Physician Phone:</td> </tr> <tr> <td>85997864</td> <td>Prompt-Result (no return)</td> <td>Client/Phone #:</td> </tr> <tr> <td>86007469</td> <td>Prompt-Result (no return)</td> <td>Client Accession #:</td> </tr> <tr> <td>86007539</td> <td>Prompt-Result (no return)</td> <td>Patient ID:</td> </tr> </tbody> </table>		Result Code	Type	Result Name	85985333		FISH, Neonatal Screen	85997860	Prompt-Result (no return)	Specimen Type/Source/Vol:	86007537	Prompt-Result (no return)	Clinical Indication:	86007538	Prompt-Result (no return)	Referring Physician:	85997863	Prompt-Result (no return)	Referring Physician Phone:	85997864	Prompt-Result (no return)	Client/Phone #:	86007469	Prompt-Result (no return)	Client Accession #:	86007539	Prompt-Result (no return)	Patient ID:
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86007538	Prompt-Result (no return)	Referring Physician:																											
85997863	Prompt-Result (no return)	Referring Physician Phone:																											
85997864	Prompt-Result (no return)	Client/Phone #:																											
86007469	Prompt-Result (no return)	Client Accession #:																											
86007539	Prompt-Result (no return)	Patient ID:																											

Gaucher Disease, DNA Mutation Analysis					
Message	**This test is now available for New York patient testing.**				
Effective Date	1/13/2014				
<i>Former Test Code</i>	S51581				
Test Code	90907				
CPT Codes	81251				
Performing Site	Quest Diagnostics Nichols Institute, San Juan Capistrano				
CPU Mappings	<table border="1"> <thead> <tr> <th>Result Code</th> <th>Result Name</th> </tr> </thead> <tbody> <tr> <td>86008266</td> <td>Gaucher Disease</td> </tr> </tbody> </table>	Result Code	Result Name	86008266	Gaucher Disease
Result Code	Result Name				
86008266	Gaucher Disease				

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Additional Information	Update report format. Remove shared assay component.
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Hepatitis C Antibody with Reflex to HCV RNA, Quantitative Real-Time PCR									
Clinical Significance	For the detection of active HCV infection in HCV antibody positive individuals.								
Effective Date	1/13/2014								
Former Test Name	Hepatitis C Antibody w/Rfx to RNA Quantitation								
Former Test Code	7493								
Test Code	91438								
CPT Codes	86803								
Specimen Requirements	4 mL (3 mL minimum) serum Acceptable: plasma EDTA (lavender-top) tube								
Reject Criteria	Moderate hemolysis; Gross hemolysis; Gross lipemia; Unspun serum separator tube; Unspun red top tube								
Transport Temperature	Room temperature								
Specimen Stability	Room temperature: 72 hours Refrigerated: 14 days Frozen: 42 days								
Set-up/Analytic Time	See individual assays								
Reference Range	<table border="1"> <tr> <td>Hepatitis C Antibody:</td> <td>Nonreactive</td> </tr> <tr> <td>Signal to Cutoff:</td> <td><1.00</td> </tr> <tr> <td>HCV RNA, PCR, Quant:</td> <td><15 IU/mL</td> </tr> <tr> <td>HCV RNA, PCR, Quant:</td> <td><1.18 LogIU/mL</td> </tr> </table>	Hepatitis C Antibody:	Nonreactive	Signal to Cutoff:	<1.00	HCV RNA, PCR, Quant:	<15 IU/mL	HCV RNA, PCR, Quant:	<1.18 LogIU/mL
Hepatitis C Antibody:	Nonreactive								
Signal to Cutoff:	<1.00								
HCV RNA, PCR, Quant:	<15 IU/mL								
HCV RNA, PCR, Quant:	<1.18 LogIU/mL								
Always Message	<p>Hepatitis C Viral RNA, Quantitative Real-Time PCR:</p> <p>Please note: 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 Limit of Detection of 10-13 IU/mL for genotype 1 and conforms to the recommendation. Quantitation of plasma HCV nucleic acid levels below 15 IU/ml (the Lower Limit of Quantitation for this test) may not be linear, and in this circumstance is reported as "<15 IU/mL HCV RNA Detected".</p> <p>This test was performed using the COBAS® AmpliPrep / COBAS® TaqMan® HCV Test, v2.0. (Roche Molecular Systems, Inc.).</p> <p>For more information on this test, go to: http://education.questdiagnostics.com/faq/FAQ22v1</p> <p>The performance characteristics of this assay have been determined by Quest Diagnostics. Performance characteristics refer to the analytical performance of the test.</p>								
Methodology	Immunoassay; Real-Time Polymerase Chain Reaction								
Performing Site	Quest Diagnostics Nichols Institute, Valencia								
CPU Mappings	<table border="1"> <tr> <td colspan="2">91438 Hepatitis C Antibody</td> </tr> <tr> <td>Result Code</td> <td>Result Name</td> </tr> <tr> <td>55071600</td> <td>Hepatitis C Antibody</td> </tr> </table>	91438 Hepatitis C Antibody		Result Code	Result Name	55071600	Hepatitis C Antibody		
91438 Hepatitis C Antibody									
Result Code	Result Name								
55071600	Hepatitis C Antibody								

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	55071705	Signal to Cutoff	
	*RRE-Reflex Hepatitis C Viral RNA, Quantitative Real-Time PCR		
	Result Code	Result Name	Unit of Measure
	55194255	HCV RNA, PCR, Quant	IU/mL
	55194250	HCV RNA, PCR, Quant	LogIU/mL
Additional Information	*If the Hepatitis C Antibody is Reactive, the Hepatitis C Viral RNA, Quantitative Real-Time PCR will be performed at an additional charge (CPT codes(s): 87522)		

Insect Venom, Honey Bee IgG									
Effective Date	1/13/2014								
Former Test Name	Allergen - Honeybee Venom IgG								
Former Test Code	I1G								
Test Code	8641								
Specimen Requirements	0.3 mL (0.15 mL minimum) serum								
Specimen Stability	Room temperature and Refrigerated: 14 days Frozen: 30 days								
Set-up/Analytic Time	Set up: Sun, Wed, Fri; Report available: 1-3 days								
Reference Range	<2.0 mcg/mL								
Methodology	Immunoassay								
Performing Site	Quest Diagnostics Nichols Institute, Valencia								
CPU Mappings	<table border="1"> <thead> <tr> <th>Result Code</th> <th>Result Name</th> <th>Unit of Measure</th> </tr> </thead> <tbody> <tr> <td>85993068</td> <td>Bee, Honey, IgG</td> <td>mcg/mL</td> </tr> </tbody> </table>			Result Code	Result Name	Unit of Measure	85993068	Bee, Honey, IgG	mcg/mL
Result Code	Result Name	Unit of Measure							
85993068	Bee, Honey, IgG	mcg/mL							

Magnesium, RBC	
Message	**This test is now available for New York patient testing.**
Clinical Significance	Magnesium is an essential trace element. Deficiency leads to irritability, neuromuscular abnormalities, cardiac and renal damage. Its salts are used as antacids and cathartics. Excessive amount may cause CNS depression, loss of muscle tone, respiratory and cardiac arrest.
Effective Date	1/13/2014
Former Test Name	Magnesium RBC
Former Test Code	4866R
Test Code	623
Instructions	Patient should refrain from taking vitamins, or mineral herbal supplements for at least one week before sample collection. Leave packed cells in original collection tube. Do not centrifuge whole blood.
Specimen Stability	Packed cells: Room temperature and Refrigerated: 7 days Frozen: Unacceptable EDTA whole blood:

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	Room temperature: 4 days Refrigerated: 7 days Frozen: Unacceptable		
Set-up/Analytic Time	Set up: Mon, Thurs; Report available: 2-5 days		
Performing Site	Quest Diagnostics Nichols Institute, Valencia		
CPU Mappings	Result Code	Result Name	Unit of Measure
	85990530	Magnesium, RBC	mg/dL

Mucopolipidosis Type IV Mutation Analysis		
Message	**This test is now available for New York patient testing.**	
Effective Date	1/13/2014	
<i>Former Test Code</i>	S51588	
Test Code	90899	
CPT Codes	81290	
Performing Site	Quest Diagnostics Nichols Institute, San Juan Capistrano	
CPU Mappings	Result Code	Result Name
	86008272	Mucopolipidosis Type IV
Additional Information	Update report format. Remove shared assay component.	

Niemann-Pick Disease Mutation Analysis		
Message	**This test is now available for New York patient testing.**	
Effective Date	1/13/2014	
<i>Former Test Code</i>	S51592	
Test Code	90893	
CPT Codes	81330	
Performing Site	Quest Diagnostics Nichols Institute, San Juan Capistrano	
CPU Mappings	Result Code	Result Name
	86008271	Niemann-Pick Disease
Additional Information	Update report format. Remove shared assay component.	

Opiates Confirmation, LC/MS/MS	
Clinical Significance	This panel is useful for confirmation of screen positive results.
Effective Date	1/13/2014
<i>Former Test Name</i>	<i>Opiates Confirmation Serum</i>

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Former Test Code	4185																			
Test Code	91894																			
Specimen Requirements	5 mL (2.5 mL minimum) serum collected in a red-top tube (no gel)																			
Reject Criteria	Serum separator tubes																			
Specimen Stability	Room temperature: 7 days Refrigerated and Frozen: 14 days																			
Set-up/Analytic Time	Set up: Tue, Fri; Report available: 2-6 days																			
Units Of Measure	ng/mL																			
Always Message	<table border="1"> <tr> <td colspan="3">Limit of quantitation</td> </tr> <tr> <td>Codeine Free</td> <td></td> <td>5.0 ng/mL</td> </tr> <tr> <td>Hydrocodone Free</td> <td></td> <td>5.0 ng/mL</td> </tr> <tr> <td>Hydromorphone Free</td> <td></td> <td>5.0 ng/mL</td> </tr> <tr> <td>Morphine Free</td> <td></td> <td>5.0 ng/mL</td> </tr> <tr> <td>Oxycodone Free</td> <td></td> <td>5.0 ng/mL</td> </tr> </table>		Limit of quantitation			Codeine Free		5.0 ng/mL	Hydrocodone Free		5.0 ng/mL	Hydromorphone Free		5.0 ng/mL	Morphine Free		5.0 ng/mL	Oxycodone Free		5.0 ng/mL
Limit of quantitation																				
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Hydromorphone Free		5.0 ng/mL																		
Morphine Free		5.0 ng/mL																		
Oxycodone Free		5.0 ng/mL																		
Methodology	Liquid Chromatography/Tandem Mass Spectrometry (LC/MS/MS)																			
Performing Site	Quest Diagnostics Nichols Institute, Valencia																			
CPU Mappings	<table border="1"> <thead> <tr> <th>Result Code</th> <th>Result Name</th> <th>Unit of Measure</th> </tr> </thead> <tbody> <tr> <td>86010135</td> <td>Codeine Free</td> <td>ng/mL</td> </tr> <tr> <td>86010136</td> <td>Hydrocodone Free</td> <td>ng/mL</td> </tr> <tr> <td>86010137</td> <td>Hydromorphone Free</td> <td>ng/mL</td> </tr> <tr> <td>86010138</td> <td>Morphine Free</td> <td>ng/mL</td> </tr> <tr> <td>86010139</td> <td>Oxycodone Free</td> <td>ng/mL</td> </tr> </tbody> </table>		Result Code	Result Name	Unit of Measure	86010135	Codeine Free	ng/mL	86010136	Hydrocodone Free	ng/mL	86010137	Hydromorphone Free	ng/mL	86010138	Morphine Free	ng/mL	86010139	Oxycodone Free	ng/mL
Result Code	Result Name	Unit of Measure																		
86010135	Codeine Free	ng/mL																		
86010136	Hydrocodone Free	ng/mL																		
86010137	Hydromorphone Free	ng/mL																		
86010138	Morphine Free	ng/mL																		
86010139	Oxycodone Free	ng/mL																		

Osteocalcin, N-MID	
Clinical Significance	Osteocalcin, the most abundant non-collagen protein in bone matrix, is a bone-specific, calcium binding protein. Serum osteocalcin levels are related to the rate of bone turnover in various disorders of bone metabolism, e.g., osteoporosis, primary and secondary hyperparathyroidism, and Paget's disease.
Effective Date	1/13/2014
Former Test Code	3550
Test Code	16322
Specimen Requirements	1 mL (0.5 mL minimum) frozen serum EDTA (lavender-top) tube is no longer acceptable
Instructions	Collect blood in a red-top tube (no gel). Allow blood to clot at room temperature (20-26° C) and centrifuge immediately to separate the serum from the cells. Freeze as soon as possible.
Transport Temperature	Frozen
Specimen Stability	Room temperature: Unacceptable

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	Refrigerated: 24 hours Frozen: 21 days																				
Reference Range	<table border="1"> <tr> <td colspan="3">Reference Ranges for Osteocalcin, N-MID:</td> </tr> <tr> <td>Age</td> <td colspan="2">Reference Range</td> </tr> <tr> <td>5-9 years:</td> <td colspan="2">47-142 ng/mL</td> </tr> <tr> <td>10-13 years:</td> <td colspan="2">49-167 ng/mL</td> </tr> <tr> <td>14-17 years:</td> <td>Males: 26-203 ng/mL</td> <td>Females: 14-85 ng/mL</td> </tr> <tr> <td>Adult:</td> <td>Males: 9-38 ng/mL</td> <td>Females: 8-32 ng/mL</td> </tr> </table>			Reference Ranges for Osteocalcin, N-MID:			Age	Reference Range		5-9 years:	47-142 ng/mL		10-13 years:	49-167 ng/mL		14-17 years:	Males: 26-203 ng/mL	Females: 14-85 ng/mL	Adult:	Males: 9-38 ng/mL	Females: 8-32 ng/mL
Reference Ranges for Osteocalcin, N-MID:																					
Age	Reference Range																				
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Performing Site	Quest Diagnostics Nichols Institute, Valencia																				
CPU Mappings	<table border="1"> <tr> <td>Result Code</td> <td>Result Name</td> <td>Unit of Measure</td> </tr> <tr> <td>86006224</td> <td>Osteocalcin, N-MID</td> <td>ng/mL</td> </tr> </table>			Result Code	Result Name	Unit of Measure	86006224	Osteocalcin, N-MID	ng/mL												
Result Code	Result Name	Unit of Measure																			
86006224	Osteocalcin, N-MID	ng/mL																			

QuestAssureD™ 25–Hydroxyvitamin D (D2, D3), LC/MS/MS					
Effective Date	1/13/2014				
<i>Former Test Name</i>	Vitamin D, 25–Hydroxy, LC/MS/MS				
Test Code	17306				
Performing Site	Quest Diagnostics Nichols Institute, Valencia				
Tests Affected	<table border="1"> <tr> <td>Test Codes:</td> <td>Name:</td> </tr> <tr> <td>3541</td> <td>Vitamin D, 25-Hydroxy, LC/MS/MS</td> </tr> </table>	Test Codes:	Name:	3541	Vitamin D, 25-Hydroxy, LC/MS/MS
Test Codes:	Name:				
3541	Vitamin D, 25-Hydroxy, LC/MS/MS				

QuestAssureD™ 25-Hydroxy and 1,25–Dihydroxyvitamin D, LC/MS/MS	
Effective Date	1/13/2014
<i>Former Test Name</i>	Vitamin D, 25–Hydroxy and 1, 25–Dihydroxy, LC/MS/MS
Test Code	16761
Performing Site	Quest Diagnostics Nichols Institute, Valencia

Rape Weed (w203) IgE	
Effective Date	1/13/2014
<i>Former Test Name</i>	Allergen - Rape IgE
<i>Former Test Code</i>	RW203
Test Code	3486
Specimen Requirements	0.3 mL (0.15 mL minimum) serum
Transport Temperature	Room temperature
Specimen Stability	Room temperature and Refrigerated: 14 days

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	Frozen: 30 days											
Set-up/Analytic Time	Set up: daily; Report available: 1-14 days											
Reference Range	<0.35 kU/L											
Always Message	This test was developed and its performance characteristics have been determined by Quest Diagnostics Nichols Institute, Valencia, CA. It has not been cleared or approved by the U.S. Food and Drug Administration. The FDA has determined that such clearance or approval is not necessary. Performance characteristics refer to the analytical performance of the test.											
Methodology	Immunoassay											
Performing Site	Quest Diagnostics Nichols Institute, Valencia											
CPU Mappings	<table border="1"> <thead> <tr> <th>Result Code</th> <th>Result Name</th> <th>Unit of Measure</th> </tr> </thead> <tbody> <tr> <td>55153005</td> <td>Rape Weed (w203) IgE</td> <td>kU/L</td> </tr> <tr> <td>55153010</td> <td>Class</td> <td></td> </tr> </tbody> </table>			Result Code	Result Name	Unit of Measure	55153005	Rape Weed (w203) IgE	kU/L	55153010	Class	
Result Code	Result Name	Unit of Measure										
55153005	Rape Weed (w203) IgE	kU/L										
55153010	Class											

Saffron (f331) IgE												
Effective Date	1/13/2014											
Former Test Name	<i>Allergen - Saffron IgE</i>											
Former Test Code	<i>RF331</i>											
Test Code	91916											
Specimen Requirements	0.3 mL (0.15 mL minimum) serum											
Transport Temperature	Room temperature											
Specimen Stability	Room temperature and Refrigerated: 14 days Frozen: 30 days											
Set-up/Analytic Time	Set up: daily; Report available: 1-14 days											
Reference Range	<0.35 kU/L											
Always Message	This test was developed and its performance characteristics have been determined by Quest Diagnostics Nichols Institute, Valencia, CA. It has not been cleared or approved by the U.S. Food and Drug Administration. The FDA has determined that such clearance or approval is not necessary. Performance characteristics refer to the analytical performance of the test.											
Methodology	Immunoassay											
Performing Site	Quest Diagnostics Nichols Institute, Valencia											
CPU Mappings	<table border="1"> <thead> <tr> <th>Result Code</th> <th>Result Name</th> <th>Unit of Measure</th> </tr> </thead> <tbody> <tr> <td>86010172</td> <td>Saffron (f331) IgE</td> <td>kU/L</td> </tr> <tr> <td>86010173</td> <td>Class</td> <td></td> </tr> </tbody> </table>			Result Code	Result Name	Unit of Measure	86010172	Saffron (f331) IgE	kU/L	86010173	Class	
Result Code	Result Name	Unit of Measure										
86010172	Saffron (f331) IgE	kU/L										
86010173	Class											

Tay-Sachs Disease Mutation Analysis	
Message	**This test is now available for New York patient testing.**
Effective Date	1/13/2014
Former Test Code	<i>S51598</i>

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Test Code	90903	
CPT Codes	81255	
Performing Site	Quest Diagnostics Nichols Institute, San Juan Capistrano	
CPU Mappings	Result Code	Result Name
	86008269	Tay-Sachs DNA
Additional Information	Update report format. Remove shared assay component.	

Temazepam		
Clinical Significance	Temazepam is one of several drugs in the class known as benzodiazepines. These drugs produce a variety of effects, but most cause some degree of drowsiness (sedation). Temazepam is used almost exclusively as a hypnotic, or drug given to help people fall asleep. It is nearly always taken just before bedtime.	
Effective Date	1/13/2014	
<i>Former Test Code</i>	<i>4088</i>	
Test Code	91897	
CPT Codes	80154	
Specimen Requirements	2 mL (1 mL minimum) serum collected in a red-top tube (no gel)	
Reject Criteria	Serum separator tube	
Transport Temperature	Refrigerated	
Specimen Stability	Room temperature: Unacceptable Refrigerated: 5 days Frozen: 14 days	
Set-up/Analytic Time	Set up: Tue, Thu, Sat; Report available: 1-3 days	
Reference Range	50-1000 ng/mL	
Methodology	Liquid Chromatography/Tandem Mass Spectrometry (LC/MS/MS)	
Assay Category	Laboratory Developed Test	
Performing Site	Quest Diagnostics Nichols Institute, Valencia	
CPU Mappings	Result Code	Result Name
	86010156	Temazepam
		Unit of Measure
		ng/mL

Turkey Feathers (e89) IgE	
Effective Date	1/13/2014
<i>Former Test Name</i>	<i>Allergen - Turkey Feathers IgE</i>
<i>Former Test Code</i>	<i>E89</i>
Test Code	2539
Specimen Requirements	0.3 mL (0.15 mL minimum) serum

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Transport Temperature	Room temperature											
Specimen Stability	Room temperature and Refrigerated: 14 days Frozen: 30 days											
Set-up/Analytic Time	Set up: daily; Report available: 1-14 days											
Reference Range	<0.35 kU/L											
Methodology	Immunoassay											
Performing Site	Quest Diagnostics Nichols Institute, Valencia											
CPU Mappings	<table border="1"> <thead> <tr> <th>Result Code</th> <th>Result Name</th> <th>Unit of Measure</th> </tr> </thead> <tbody> <tr> <td>55150305</td> <td>Turkey Feathers (e89) IgE</td> <td>kU/L</td> </tr> <tr> <td>55150310</td> <td>Class</td> <td></td> </tr> </tbody> </table>			Result Code	Result Name	Unit of Measure	55150305	Turkey Feathers (e89) IgE	kU/L	55150310	Class	
Result Code	Result Name	Unit of Measure										
55150305	Turkey Feathers (e89) IgE	kU/L										
55150310	Class											

Lupus Anticoagulant and Cardiolipin Ab Panel with Reflexes	
Effective Date	1/20/2014
Test Code	9762
Reject Criteria	Received thawed; Hemolysis
Instructions	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.
Set-up/Analytic Time	Set up: Mon-Sat; Report available: 3-5 days
Performing Site	Quest Diagnostics Nichols Institute, San Juan Capistrano

Methamphetamine and Metabolite, Urine					
Effective Date	1/20/2014				
Former Test Name	Methamphetamine and Metabolite, Quant, Urine				
Former Test Code	4663U				
Test Code	91730				
Specimen Requirements	7 mL (2 mL minimum) urine				
Reject Criteria	Urine specimens with preservative.				
Transport Temperature	Room temperature				
Specimen Stability	Room temperature: 7 days Refrigerated: 14 days Frozen: 30 days				
Set-up/Analytic Time	Set up: Mon, Wed, Fri; Report available: 2 days				
Units Of Measure	ng/mL				
Always Message	<table border="1"> <tr> <td colspan="2">Limit of quantitation:</td> </tr> <tr> <td>Amphetamine:</td> <td>200 ng/mL</td> </tr> </table>	Limit of quantitation:		Amphetamine:	200 ng/mL
Limit of quantitation:					
Amphetamine:	200 ng/mL				

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	Methamphetamine:	200 ng/mL									
Methodology	Liquid Chromatography/Tandem Mass Spectrometry (LC/MS/MS)										
Performing Site	Quest Diagnostics Nichols Institute, Valencia										
CPU Mappings	<table border="1"> <thead> <tr> <th>Result Code</th> <th>Result Name</th> <th>Unit of Measure</th> </tr> </thead> <tbody> <tr> <td>86009962</td> <td>Amphetamine</td> <td>ng/mL</td> </tr> <tr> <td>86009963</td> <td>Methamphetamine</td> <td>ng/mL</td> </tr> </tbody> </table>		Result Code	Result Name	Unit of Measure	86009962	Amphetamine	ng/mL	86009963	Methamphetamine	ng/mL
Result Code	Result Name	Unit of Measure									
86009962	Amphetamine	ng/mL									
86009963	Methamphetamine	ng/mL									

Plasminogen Activator Inhibitor-1 (PAI-1) 4G/5G	
Effective Date	1/20/2014
Test Code	11368
Instructions	<p>Preferred Specimen(s) 5 mL whole blood collected in an EDTA (lavender-top) tube</p> <p>Alternative Specimen(s) Whole blood collected in ACD solution B (yellow-top), EDTA (royal blue-top), sodium heparin (green-top), lithium heparin (green-top), or ACD solution A (yellow-top) tube, 100 ng Extracted DNA (Reference ranges do not apply), Bone marrow or Fresh (unfixed) tissue or Tissue biopsy (Reference ranges do not apply).</p> <p>Forward tissue specimens immediately to the Molecular Genetics Laboratory; do not hold. Whole blood: Normal phlebotomy procedure. Specimen stability is crucial. Store and ship ambient immediately. Do not freeze.</p>
Set-up/Analytic Time	Set-up: Wed, Sat; Report available: 6-10 days
Methodology	Polymerase Chain Reaction (PCR)
Performing Site	Quest Diagnostics Nichols Institute, San Juan Capistrano

Beta-2-Microglobulin, Serum					
Clinical Significance	Beta-2-microglobulin normally passes through the glomerulus into the proximal tubule where much of it is reabsorbed. Serum levels are therefore an index of glomerular function. When impaired, serum levels rise in inverse ratio to glomerular filtration rate. Increased amounts of beta-2-microglobulin are excreted in several renal disorders, e.g., Balkan nephropathy, heavy metal poisoning and renal tubular disease due to therapeutic agents. Serial levels of beta-2-microglobulin in serum and urine are used to evaluate transplant viability and anticipate rejection. Following a successful graft, serum levels decline toward normal. Increasing serum levels provide an early sign of rejection. Elevated levels are also noted in lymphoproliferative disorders, neoplasms (malignant and benign), inflammatory disease, and autoimmune diseases such as systemic lupus erythematosus (SLE) and Sjogren's disease.				
Effective Date	1/27/2014				
Former Test Code	3143				
Test Code	852				
Reject Criteria	Hemolysis; lipemia				
Instructions	Overnight fasting is preferred.				
Set-up/Analytic Time	Set up: Mon-Thurs; Report available: 3-7 days				
Reference Range	<table border="1"> <thead> <tr> <th>Age</th> <th>Reference Range</th> </tr> </thead> <tbody> <tr> <td>< 18 years</td> <td>Not Established</td> </tr> </tbody> </table>	Age	Reference Range	< 18 years	Not Established
Age	Reference Range				
< 18 years	Not Established				

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	Adults	< or = 2.51 mg/L
Performing Site	Quest Diagnostics Nichols Institute, Valencia	
CPU Mappings	Result Code	Result Name
	45030500	B2 Microglobulin, Serum
Tests Affected	Test Codes:	Name:
	3143SR	Beta-2-Mircoglobulin w/Serial Reporting

Coccidioides Antibodies to TP & F Antigens, ID							
Effective Date	1/27/2014						
Former Test Code	S52389						
Test Code	19963						
Performing Site	Focus Diagnostics, Inc.						
CPU Mappings	<table border="1"> <thead> <tr> <th>Result Code</th> <th>Result Name</th> </tr> </thead> <tbody> <tr> <td>86002935</td> <td>Ab to TP Antigen (IgM)</td> </tr> <tr> <td>86002936</td> <td>Ab to F Antigen (IgG)</td> </tr> </tbody> </table>	Result Code	Result Name	86002935	Ab to TP Antigen (IgM)	86002936	Ab to F Antigen (IgG)
Result Code	Result Name						
86002935	Ab to TP Antigen (IgM)						
86002936	Ab to F Antigen (IgG)						

Coccidioides Antibody (TP Antigen), Immunodiffusion					
Effective Date	1/27/2014				
Test Code	90799				
Performing Site	Focus Diagnostics, Inc.				
CPU Mappings	<table border="1"> <thead> <tr> <th>Result Name</th> <th>Result Code</th> </tr> </thead> <tbody> <tr> <td>Ab to TP Antigen (IgM)</td> <td>86002935</td> </tr> </tbody> </table>	Result Name	Result Code	Ab to TP Antigen (IgM)	86002935
Result Name	Result Code				
Ab to TP Antigen (IgM)	86002935				

Human Anti-mouse Antibody (HAMA)	
Message	**This test is <i>not available</i> for New York patient testing**
Clinical Significance	The presence of human anti-mouse antibody (HAMA) has been associated with patients receiving injections of murine monoclonal antibody (MAb) for diagnostics and/or therapeutic purposes. HAMA produced in response to monoclonal antibody therapy may interfere with therapeutic efficacy. Therefore, it is recommended that baseline HAMA levels are determined prior to the initiation of therapy with murine-derived proteins.
Effective Date	1/27/2014
Former Test Name	Human Anti-Mouse Antibody (HAMA), ELISA [41882]
Former Test Code	S51635

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Test Code	1468								
CPT Codes	83520								
Specimen Requirements	1 mL (0.5 mL minimum) serum collected in red-top tube (no gel)								
Reject Criteria	Gross lipemia; serum separator tubes								
Transport Temperature	Frozen								
Specimen Stability	Room temperature: Unacceptable Refrigerated: 24 hours Frozen -20° C: 21 days Frozen -70° C: 90 days								
Set-up/Analytic Time	Set up: Thurs; Report available: 7-14 days								
Reference Range	0-74 ng/mL								
Methodology	Enzyme Linked Immunosorbent Assay								
Performing Site	This test previously performed at Focus Diagnostics, Inc., will now be performed at Quest Diagnostics Nichols Institute, San Juan Capistrano.								
CPU Mappings	<table border="1"> <thead> <tr> <th>Result Code</th> <th>Result Name</th> <th>Unit of Measure</th> </tr> </thead> <tbody> <tr> <td>85997071</td> <td>Human Anti-mouse AB (HAMA)</td> <td>ng/mL</td> </tr> </tbody> </table>			Result Code	Result Name	Unit of Measure	85997071	Human Anti-mouse AB (HAMA)	ng/mL
Result Code	Result Name	Unit of Measure							
85997071	Human Anti-mouse AB (HAMA)	ng/mL							

IgA, Saliva	
Message	**This test is not available for New York patient testing.**
Clinical Significance	Secretory IgA is composed of approximately equal concentrations of IgA1 and IgA2. Secretory IgA is responsible for binding antigens at the mucosal surface which will inhibit microorganisms from binding to epithelial cell surfaces. The quantitation of salivary IgA is useful in investigating recurrent upper respiratory infections in children.
Effective Date	1/27/2014
Former Test Name	IgA Salivary, by RID [20360]
Former Test Code	S51451
Test Code	540
CPT Codes	82784
Specimen Requirements	3 mL (0.1 mL minimum) saliva collected in a Salivette® collection tube
Reject Criteria	Sputum and very viscous specimens; gross hemolysis; gross lipemia; grossly icteric
Instructions	Fasting is not required but no eating or drinking 30 minutes prior to specimen collection.
Transport Temperature	Refrigerated
Specimen Stability	Room temperature: Unacceptable Refrigerated: 7 days Frozen: 90 days
Set-up/Analytic Time	Set up: Mon; Report available: 3-10 days
Reference Range	25-168 mg/L
Always Message	This test was performed using a kit that has not been approved or cleared by the FDA. The analytical performance characteristics of this test have been determined by Quest Diagnostics Nichols Institute, San Juan Capistrano. This test should not be used for diagnosis without confirmation by other medically established means.

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Methodology	Radial Immunodiffusion		
Performing Site	This test previously performed at Focus Diagnostics, Inc., will now be performed at Quest Diagnostics Nichols Institute, San Juan Capistrano.		
CPU Mappings	Result Code	Result Name	Unit of Measure
	85666200	IgA Saliva	mg/L

Interferon-alpha			
Message	**This test is not available for New York patient testing**		
Clinical Significance	IFNalpha is mainly produced by monocytes/macrophages, lymphoblastic cells and fibroblasts, but different types of virus activated cells may produce the cytokine. IFNalpha shows antiviral, antiparasitic, and antiproliferative properties. Increased levels suggest recent or ongoing viral or parasitic infection.		
Effective Date	1/27/2014		
Former Test Name	Interferon Alpha [20558]		
Former Test Code	S49579		
Test Code	34887		
Specimen Requirements	1 mL (0.5 mL minimum) frozen serum collected in a red-top tube (no gel)		
Reject Criteria	Gross hemolysis; lipemia; icteric; heat inactivated serum; serum separator tubes; CSF and other body fluids		
Instructions	Keep samples frozen. Freeze within 30 minutes of draw.		
Specimen Stability	Room temperature and Refrigerated: Unacceptable Frozen: 30 days		
Set-up/Analytic Time	Set up: Second and fourth Thurs of the month; Report available 7-14 days		
Reference Range	< or = 3 IU/mL		
Always Message	This test was performed using a kit that has not been approved or cleared by the FDA. The analytical performance characteristics of this test have been determined by Quest Diagnostics Nichols Institute, San Juan Capistrano. This test should not be used for diagnosis without confirmation by other medically established means.		
Methodology	Enzyme Linked Immunosorbent Assay		
Performing Site	This test previously performed at Focus Diagnostics, Inc., will now be performed at Quest Diagnostics Nichols Institute, San Juan Capistrano.		
CPU Mappings	Result Code	Result Name	Unit of Measure
	85994445	Interferon-alpha	IU/mL

Myelin Antibody (IgG), IFA	
Message	**This test is not available for New York patient testing**
Clinical Significance	Antibodies against myelin are found in multiple sclerosis and other neurological diseases. However, the diagnostic value of this serum antibody is controversial, as high titers in healthy subjects can also be detected. Antibodies against myelin-associated glycoproteins are present at times with Guillain-Barre syndrome.

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Effective Date	1/27/2014					
<i>Former Test Name</i>	Myelin IgG Antibody, IFA [20545]					
<i>Former Test Code</i>	S51647					
Test Code	4639					
CPT Codes	86255					
Specimen Requirements	0.5 mL (0.3 mL minimum) serum collected in a red-top tube (no gel)					
Reject Criteria	Gross hemolysis; lipemia; specimens with visible particulate matter; serum separator tubes					
Instructions	Serum specimens should be collected under aseptic condition. Hemolysis should be avoided through prompt separation of the serum from the clot.					
Specimen Stability	Room temperature: 7 days Refrigerated: 14 days Frozen: 21 days					
Set-up/Analytic Time	Set up: Wed; Report available: 2-9 days					
Reference Range	Negative					
Always Message	This test was performed using a kit that has not been approved or cleared by the FDA. The analytical performance characteristics of this test have been determined by Quest Diagnostics Nichols Institute, San Juan Capistrano. This test should not be used for diagnosis without confirmation by other medically established means.					
Methodology	Indirect Immunofluorescence					
Performing Site	This test previously performed at Focus Diagnostics, Inc., will now be performed at Quest Diagnostics Nichols Institute, San Juan Capistrano.					
CPU Mappings	<table border="1"> <thead> <tr> <th>Result Code</th> <th>Result Name</th> </tr> </thead> <tbody> <tr> <td>85981510</td> <td>Myelin Antibody</td> </tr> </tbody> </table>		Result Code	Result Name	85981510	Myelin Antibody
Result Code	Result Name					
85981510	Myelin Antibody					

Natural Killer Cells, Functional	
Message	**This test is not available for New York patient testing**
Clinical Significance	Natural killer cells (NK cells) are a subset of non-B, non-T peripheral blood lymphocytes that appear to play a crucial role in the human innate immune response. The function of NK cells is important for the clearance of tumor cells, for the removal of immunoglobulin-bound antigens, and for the control of viral infections. NK function has been reported to be decreased in certain individuals, including those with primary immunodeficiencies, those with late-stage human immunodeficiency virus infections, and pregnant women.
Effective Date	1/27/2014
<i>Former Test Name</i>	ALT-Natural Killer Cell Functional Assay, FC [20595]
<i>Former Test Code</i>	A52327
Test Code	34184
CPT Codes	88184, 88185 (x2)
Specimen Requirements	10 mL (5 mL minimum) whole blood collected in a sodium heparin (green-top) tube
Reject Criteria	Hemolysis; received frozen; clotted specimens; expired (>48 hours)
Instructions	Specimen must be received in the testing lab within 48 hours of collection. Submit Monday through Thursday only.

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	<p>Maintain and transport blood at room temperature. Avoid temperatures <15° C and >37° C. In hot weather, it may be necessary to pack the specimen in a container with insulating material around it and place this container inside another that contains a cold pack (ice pack) and absorbent material. This method will help retain the specimen at ambient temperature.</p> <p>For longitudinal studies, draw specimens at the same time of day to minimize diurnal variation.</p> <p>Normal diet, fasting preferred to avoid lipemia.</p>						
Transport Temperature	Room temperature						
Specimen Stability	Room temperature: 48 hours Refrigerated and Frozen: Unacceptable						
Set-up/Analytic Time	Set up: Tues-Sat; Report available: 2-5 days						
Reference Range	<table border="1"> <tr> <td>Decreased Activity</td> <td><7 LU30</td> </tr> <tr> <td>Normal Activity</td> <td>7-125 LU30</td> </tr> <tr> <td>Increased Activity</td> <td>>125 LU30</td> </tr> </table>	Decreased Activity	<7 LU30	Normal Activity	7-125 LU30	Increased Activity	>125 LU30
Decreased Activity	<7 LU30						
Normal Activity	7-125 LU30						
Increased Activity	>125 LU30						
Always Message	This test was developed and its performance characteristics have been determined by Quest Diagnostics Nichols Institute, San Juan Capistrano. Performance characteristics refer to the analytical performance of the test.						
Methodology	Flow Cytometry						
Performing Site	This test previously performed at Focus Diagnostics, Inc., will now be performed at Quest Diagnostics Nichols Institute, San Juan Capistrano.						
CPU Mappings	<table border="1"> <thead> <tr> <th>Result Code</th> <th>Result Name</th> <th>Unit of Measure</th> </tr> </thead> <tbody> <tr> <td>85969340</td> <td>NK Cells, Functional</td> <td>LU30</td> </tr> </tbody> </table>	Result Code	Result Name	Unit of Measure	85969340	NK Cells, Functional	LU30
Result Code	Result Name	Unit of Measure					
85969340	NK Cells, Functional	LU30					

Redirects

Tarragon (f272) IgE	
Effective Date	1/13/2014
Former Test Name	Allergen - Tarragon IgE
Former Test Code	RF272
Test Code	3057
Specimen Requirements	0.3 mL (0.15 mL minimum) serum
Transport Temperature	Room temperature
Specimen Stability	Room temperature and Refrigerated: 14 days Frozen: 30 days
Set-up/Analytic Time	Set up: daily; Report available: 1-14 days
Reference Range	<0.35 kU/L
Always Message	This test was developed and its performance characteristics have been determined by Quest Diagnostics Nichols Institute, Valencia, CA. It has not been cleared or approved by the U.S. Food and Drug

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	Administration. The FDA has determined that such clearance or approval is not necessary. Performance characteristics refer to the analytical performance of the test.		
Methodology	Immunoassay		
Performing Site	This test previously performed at Viracor IBT will now be performed at Quest Diagnostics Nichols Institute, Valencia		
CPU Mappings	Result Code	Result Name	Unit of Measure
	55173505	Tarragon (f272) IgE	kU/L
	55173510	Class	

Discontinued Tests

<i>Rickettsia conorii</i> IgG & IgM Antibodies	
Effective Date	1/13/2014
Test Code	7951
Additional Information	The recommended alternative is test code 15332- <i>Rickettsia conorii</i> Antibody Panel, IFA in New Test Offerings.

<i>Rickettsia conorii</i> IgG Abs	
Effective Date	1/13/2014
Test Code	7949
Additional Information	The recommended alternative is test code 15332- <i>Rickettsia conorii</i> Antibody Panel, IFA in New Test Offerings.

<i>Rickettsia conorii</i> IgM Abs	
Effective Date	1/13/2014
Test Code	7950
Additional Information	The recommended alternative is test code 15332- <i>Rickettsia conorii</i> Antibody Panel, IFA in New Test Offerings.

Strongyloides IgG Antibody [10091]	
Effective Date	1/13/2014
Test Code	S49761
Additional Information	The recommended alternative is 34309 - Strongyloides Antibody IgG in the New Test Offering section

Blastomyces Antibody Panel, CF, ID, and ELISA	
Effective Date	1/27/2014
Test Code	S52352
Additional Information	The recommended alternatives are:

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	<ul style="list-style-type: none"> ● 2511 -Blastomyces Total ABS [CF] ● S52018 -Blastomyces Antibody, Immunodiffusion, Serum
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Chlamydia Group Antibody Screen, IFA (Serum)	
Effective Date	1/27/2014
Test Code	S52342
Additional Information	The recommended alternatives are: <ul style="list-style-type: none"> ● 8076 -<i>Chlamydia pneumoniae</i> IgG, IgM & IgA ABS ● 8026 -<i>Chlamydia psittaci</i> IgG, IgM & IgA ABS ● 8041 -<i>Chlamydia trachomatis</i> IgG, IgM & IgA ABS ● 8006 -Chlamydia SPP IgG, IgM & IgA ABS

Coccidioides Antibody Panel, CF, ID, LA, and ELISA	
Effective Date	1/27/2014
Test Code	A52270
Additional Information	There is no recommended alternative.

Histoplasma Antibody Panel, CF, ID, and ELISA	
Effective Date	1/27/2014
Test Code	S52346
Additional Information	The recommended alternatives are: <ul style="list-style-type: none"> ● 2581 -Histoplasma Antibody, Complement Fixation, Serum ● S52019 -Histoplasma Antibody, Immunodiffusion, Serum

Humoral Immune Evaluation (Pneumo 14)	
Effective Date	1/27/2014
Test Code	1143
Additional Information	The recommended alternative is both: <ul style="list-style-type: none"> ● 1331-Tetanus & Diphtheria Toxoid IgG Abs ● 19564-Streptococcus pneumoniae IgG Antibody Panel (14 Serotypes), MAID in the New Test Offering section

Humoral Immune Evaluation (Pneumo 14) & H. Influenzae B	
Effective Date	1/27/2014
Test Code	1146
Additional Information	The recommended alternative is: <ul style="list-style-type: none"> ● 1331-Tetanus & Diphtheria Toxoid IgG Abs

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	<ul style="list-style-type: none"> ● 9861-Haemophilus Influenzae B IgG Abs ● 19564-Streptococcus pneumoniae IgG Antibody Panel (14 Serotypes), MAID in the New Test Offering section
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Humoral Immune Evaluation (Pneumo 23)	
Effective Date	1/27/2014
Test Code	1049
Additional Information	The recommended alternative is both: <ul style="list-style-type: none"> ● 1331-Tetanus & Diphtheria Toxoid IgG Abs ● 16963-Streptococcus pneumoniae IgG Ab (23 serotypes), MAID in the New Test Offering section

Humoral Immune Evaluation (Pneumo 23) & H. Influenzae B	
Effective Date	1/27/2014
Test Code	1088
Additional Information	The recommended alternative is: <ul style="list-style-type: none"> ● 1331-Tetanus & Diphtheria Toxoid IgG Abs ● 9861-Haemophilus Influenzae B IgG Abs ● 16963-Streptococcus pneumoniae IgG Ab (23 serotypes), MAID in the New Test Offering section

Humoral Immune Evaluation (Pneumo 7)	
Effective Date	1/27/2014
Test Code	1047
Additional Information	The recommended alternative is both: <ul style="list-style-type: none"> ● 1331-Tetanus & Diphtheria Toxoid IgG Abs ● 19563-Streptococcus pneumoniae IgG Ab (7 Serotypes), MAID in the New Test Offering section

Humoral Immune Evaluation (Pneumo 7) & H. Influenzae B	
Effective Date	1/27/2014
Test Code	1087
Additional Information	The recommended alternative is: <ul style="list-style-type: none"> ● 1331-Tetanus & Diphtheria Toxoid IgG Abs ● 9861-Haemophilus Influenzae B IgG Abs ● 19563-Streptococcus pneumoniae IgG Ab (7 Serotypes), MAID in the New Test Offering section

Humoral Immune Status Survey (Pneumo 14)	
Effective Date	1/27/2014

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Test Code	1148
Additional Information	This test is being discontinued due to low volume. There is no recommended alternative.

Humoral Immune Status Survey (Pneumo 23)	
Effective Date	1/27/2014
Test Code	1149
Additional Information	This test is being discontinued due to low volume. There is no recommended alternative.

Humoral Immune Status Survey (Pneumo 7)	
Effective Date	1/27/2014
Test Code	1147
Additional Information	This test is being discontinued due to low volume. There is no recommended alternative.

Lymphocyte Antigen Stimulation Screen, Candida, CC	
Effective Date	1/27/2014
Test Code	A52331
Additional Information	Use alternative test code 17270- Candida-induced Lymphocyte Proliferation in New Test Offering section.

Streptococcus pneumoniae IgG Abs, 14 Serotypes	
Revision Message!	Please note: Announcement was added 12/20/13.
Effective Date	1/27/2014
Test Code	2386
Additional Information	The recommended alternative is test code 19564- Streptococcus pneumonia IgG AB (14 Serotypes), MAID in the New Test Offering section.

Streptococcus pneumoniae IgG Abs, 14 Serotypes, Pre/Post	
Revision Message!	Please note: This announcement was added 12/20/13.
Effective Date	1/27/2014
Test Code	2386P
Additional Information	This test is being discontinued due to low use, there is no recommended alternative.

Streptococcus pneumoniae IgG Abs, 23 Serotypes	
Revision Message!	Please note: Announcement was added 12/20/13.
Effective Date	1/27/2014
Test Code	2388
Additional Information	The recommended alternative is test code 16963- Streptococcus pneumonia IgG AB (23 Serotypes), MAID in the New Test Offering section.

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Streptococcus pneumoniae IgG Abs, 23 Serotypes, Pre/Post	
Revision Message!	Please note: This announcement was added 12/20/13
Effective Date	1/27/2014
Test Code	2388P
Additional Information	This test is being discontinued due to low use, there is no recommended alternative.

Streptococcus pneumoniae IgG Abs, 7 Serotypes [Heptavalent]	
Revision Message!	Please note: Announcement was added 12/20/13.
Effective Date	1/27/2014
Test Code	2384
Additional Information	The recommended alternative is test code 19563- Streptococcus pneumonia IgG AB (7 Serotypes), MAID in the New Test Offerings section.

Streptococcus pneumoniae IgG Abs, 7 Serotypes, Pre/Post	
Revision Message!	Please note: This announcement was added 12/20/13.
Effective Date	1/27/2014
Test Code	2384P
Additional Information	This test is being discontinued due to low use, there is no recommended alternative.

New York Patient Testing Update

New York Testing Update							
Message	**These test codes are <i>now available</i> for New York patient testing at Focus Diagnostics**						
Tests Affected	<table border="1"> <thead> <tr> <th>Test Codes:</th> <th>Name:</th> </tr> </thead> <tbody> <tr> <td>S50504</td> <td>Antiviral Susceptibility, Acyclovir</td> </tr> <tr> <td>S50566</td> <td>Antiviral Susceptibility, Foscarnet</td> </tr> </tbody> </table>	Test Codes:	Name:	S50504	Antiviral Susceptibility, Acyclovir	S50566	Antiviral Susceptibility, Foscarnet
	Test Codes:	Name:					
	S50504	Antiviral Susceptibility, Acyclovir					
S50566	Antiviral Susceptibility, Foscarnet						

Monoclonal Gammopathies CSF	
Message	**This test code is <i>not available</i> for New York patient testing.**
Effective Date	12/2/2013
Test Code	3125C

Mycobacterium avium-intracellulare DNA, Qualitative PCR	
Message	**This test code is <i>not available</i> for New York patient testing**
Effective Date	12/2/2013
Test Code	S52093

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Test Send Outs (Referrals)

Due to these assays being performed by outside vendors, we are unable to use our normal method of communication. Some of the changes listed in this document may be effective in less than 30 days. Please note the individual effective dates below, as these changes may require **IMMEDIATE ACTION**.

Amphetamines Panel, Serum/Plasma	
Effective Date	1/6/2014
Test Code	S47280
Instructions	Promptly centrifuge and separate serum or plasma into a plastic screw-cap vial
Reference Range	<p>MDA - MDA is a metabolite of MDMA and methylenedioxyethylamphetamine (MDEA) and is abused for its central nervous system stimulant and hallucinogenic properties.</p> <p>The peak concentration of the MDA metabolite following a 110 mg dose of MDMA was reported as 28 ng/mL at 4 hours.</p>

Buprenorphine and Metabolite - Free (Unconjugated) Confirmation, Serum/Plasma	
Effective Date	1/6/2014
Test Code	A50999
Specimen Requirements	<p>Preferred: 2 mL serum collected in a red-top tube (no gel)</p> <p>Acceptable: Plasma collected in an EDTA (lavender-top) or EDTA (pink-top) tube</p>
Transport Temperature	Room temperature
Specimen Stability	<p>Room temperature: 7 days Refrigerated and Frozen: 30 days</p>

Buprenorphine and Metabolite - Free (Unconjugated) Screen, Serum/Plasma	
Effective Date	1/6/2014
Test Code	S50970
Specimen Requirements	<p>Preferred: 3 mL (1.4 mL minimum) serum collected in a red-top tube (no gel)</p> <p>Acceptable: Plasma collected in an EDTA (lavender-top) or EDTA (pink-top) tube</p>

Consolidated Labs Discontinued Tests							
Effective Date	1/20/2014						
Additional Information	These tests will be discontinued, there are no recommended alternatives.						
Tests Affected	<table border="1"> <thead> <tr> <th>Test Codes:</th> <th>Name:</th> </tr> </thead> <tbody> <tr> <td>S49805</td> <td>HIV Monitor - Ritonavir</td> </tr> <tr> <td>S49796</td> <td>HIV Monitor - Lopinavir</td> </tr> </tbody> </table>	Test Codes:	Name:	S49805	HIV Monitor - Ritonavir	S49796	HIV Monitor - Lopinavir
Test Codes:	Name:						
S49805	HIV Monitor - Ritonavir						
S49796	HIV Monitor - Lopinavir						

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S49801	HIV Monitor - Lamivudine
S49795	HIV Monitor - Amprenavir
S49800	HIV Monitor - Nelfinavir
S49806	HIV Monitor - Indinavir
S49793	HIV Monitor - Efavirenz
S49942	HIV Monitor - Abacavir
S50040	Tenofovir (Viread)
S50451	HIV Monitor - Zidovudine
S50477	HIV Monitor - Atazanavir (Reyataz)
S51101	HIV Monitor Kaletra
S52031	HIV Monitor - Darunavir (DAV)

Mephenytoin (Mesantoin) [90007]	
Effective Date	1/20/2014
Test Code	S50852
Additional Information	Test will be discontinued, there is no recommended alternative.

Scrub Typhus Ab [8148]	
Effective Date	1/20/2014
Test Code	S49941
Additional Information	Test will be discontinued, there is no recommended alternative.

Trifluoperazine (Stelazine) [90071]	
Effective Date	1/20/2014
Test Code	S50881
Additional Information	Test will be discontinued, there is no recommended alternative.

Trypsin, Stool (0020383)	
Effective Date	1/20/2014
Test Code	S43880
Additional Information	Test will be discontinued, there is no recommended alternative.

Unknown Substance ID [7201L1]	
Effective Date	1/20/2014
Test Code	S50608
Additional Information	Test will be discontinued, there is no recommended alternative.

