



February 23, 2010

Dear Valued Client:

In our continuing effort to provide you with the highest quality toxicology laboratory services available, we have compiled the enclosed packet of important changes regarding a number of tests we perform. Listed below are the types of changes included in this packet.

Type of Change	Explanation
New Tests	Tests recently added to the NMS Labs test menu. New Tests are effective immediately.
Test Changes	Tests that have had changes to their method/CPT code, units of measurement, scope of analysis or specimen requirements.
Discontinued Tests	Tests being discontinued with alternate testing suggestions.

Please be advised all changes listed in this packet will go into effect on **June 7, 2010**. Please use this packet of information to update your computer systems/records. These changes are important to ensure standardization of our mutual laboratory databases.

If you have any questions about the information contained in this packet, please call our Client Support Department at (866) 522-2206. Thank you for your continued support of NMS Labs and your assistance in implementing these changes.

Sincerely,

NMS Labs

Database Changes - Summary

Test Code	Test Name	New Test	Method/ CPT code	Units	Scope	Specimen Reqs	Stability	Discontinued	Reference Comment	Misc.
0402U	Anthraquinones (Qualitative), Urine									.
0658B	Bisacodyl (Qualitative), Blood									.
0658SP	Bisacodyl (Qualitative), Serum/Plasma									.
0658ST	Bisacodyl (Qualitative), Stool									.
0658U	Bisacodyl (Qualitative), Urine									.
0960ME	Cannabinoids Panel (Qualitative), Meconium									.
0960ST	Cannabinoids Panel (Qualitative), Stool									.
0997B	Carbon Disulfide, Blood							.		
0997SP	Carbon Disulfide, Serum/Plasma							.		
0997U	Carbon Disulfide, Urine							.		
2849ME	Methaqualone (Qualitative), Meconium									.
3227U	Beta-Blockers Panel, Urine					.				
3284U	Oxyphenisatin (Qualitative), Urine									.
4018U	Propofol Glucuronide, Urine	.								
4085B	Ranitidine, Blood								.	
4085SP	Ranitidine, Serum/Plasma								.	
4469B	Thiothixene (Cis Isomer), Blood									.
4469SP	Thiothixene (Cis Isomer), Serum/Plasma									.
4469U	Thiothixene (Cis Isomer), Urine									.
7620SP	17-Hydroxyprogesterone, Serum/Plasma								.	
7644SP	Congenital Adrenal Hyperplasia (CAH) Panel, Serum/Plasma								.	
8005B	Bromide, Blood							.		
8005SP	Bromide, Serum/Plasma							.		
8005U	Bromide, Urine							.		
8622U	Amobarbital, Urine							.		
8625SP	Butabarbital, Serum/Plasma							.		
8626B	Butalbital, Blood							.		
8626SP	Butalbital, Serum/Plasma							.		
8626U	Butalbital, Urine							.		
8632B	Pentobarbital, Blood							.		
8632SP	Pentobarbital, Serum/Plasma							.		
8632U	Pentobarbital, Urine							.		
8634B	Secobarbital, Blood							.		
8634SP	Secobarbital, Serum/Plasma							.		
8634U	Secobarbital, Urine							.		
8661B	Codeine and Metabolite - Free (Unconjugated), Blood (Forensic)									.
8661SP	Codeine and Metabolite - Free (Unconjugated), Serum/Plasma (Forensic)									.
8661U	Codeine and Metabolite - Total (Conjugated/Unconjugated), Urine (Forensic)									.

NMS Labs

3701 Welsh Road, Willow Grove, PA 19090

800-522-6671

NEW TESTS

Test Code	Test Name	Reporting Limit	Units	Method / CPT Code
4018U	Propofol Glucuronide, Urine			
	Scope of Analysis:	Propofol Glucuronide	1	mcg/mL
	Reference Comment:	Propofol glucuronide is the main urinary metabolite of propofol, a hypnotic agent used for the induction and maintenance of general anesthesia.		
		Urine discoloration (white, pink and green) has been documented during propofol treatment.		
	Specimen Requirements:	Specimen Requirements: 1 mL Urine Transport Temperature: Refrigerated Specimen Container: Plastic Container (Preservative-free) Light Protection: Not Required Special Handling: None Rejection Criteria: None		
	Stability:	Room Temperature: 30 day(s) Refrigerated: 30 day(s) Frozen (-20 °C): 30 day(s)		

TEST UPDATES

Method/CPT Code*, Units of Measurement, Scope of Analysis and Specimen Requirements

Test Code	Test Name	Units	Method / CPT Code
0402U	Anthraquinones (Qualitative), Urine		
	Summary of Updates:	For Quality Improvement purposes the following updates were made. Test Name was changed.	
3227U	Beta-Blockers Panel, Urine		
	Specimen Requirements:	Specimen Requirements: 5 mL Urine Transport Temperature: Refrigerated Specimen Container: NMS Labs has no experimental or literature-based data regarding the choice of specific specimen collection containers for this test. Light Protection: Not Required Special Handling: None Rejection Criteria: Received Room Temperature.	
	Summary of Updates:	For Quality Improvement purposes the following updates were made. Requested volume was increased.	
0658B	Bisacodyl (Qualitative), Blood		
	Summary of Updates:	For Quality Improvement purposes the following updates were made. Test Name was changed.	
0658SP	Bisacodyl (Qualitative), Serum/Plasma		
	Summary of Updates:	For Quality Improvement purposes the following updates were made. Test Name was changed.	

Updates effective:
June 7, 2010

NMS Labs
3701 Welsh Road, Willow Grove, PA 19090
800-522-6671
nms@nmslabs.com



TEST UPDATES

Method/CPT Code*, Units of Measurement, Scope of Analysis and Specimen Requirements

Test Code	Test Name	Units	Method / CPT Code
0658ST	Bisacodyl (Qualitative), Stool		
	Summary of Updates:	For Quality Improvement purposes the following updates were made. Test Name was changed.	
0658U	Bisacodyl (Qualitative), Urine		
	Summary of Updates:	For Quality Improvement purposes the following updates were made. Test Name was changed.	
0960ME	Cannabinoids Panel (Qualitative), Meconium		
	Summary of Updates:	For Quality Improvement purposes the following updates were made. Test Name was changed.	
0960ST	Cannabinoids Panel (Qualitative), Stool		
	Summary of Updates:	For Quality Improvement purposes the following updates were made. Test Name was changed.	
8661B	Codeine and Metabolite - Free (Unconjugated), Blood (Forensic)		
	Summary of Updates:	For Quality Improvement purposes the following updates were made. Test Name was changed.	
8661SP	Codeine and Metabolite - Free (Unconjugated), Serum/Plasma (Forensic)		
	Summary of Updates:	For Quality Improvement purposes the following updates were made. Test Name was changed.	
8661U	Codeine and Metabolite - Total (Conjugated/Unconjugated), Urine (Forensic)		
	Summary of Updates:	For Quality Improvement purposes the following updates were made. Test Name was changed.	
2849ME	Methaqualone (Qualitative), Meconium		
	Summary of Updates:	For Quality Improvement purposes the following updates were made. Test Name was changed.	
3284U	Oxyphenisatin (Qualitative), Urine		
	Summary of Updates:	For Quality Improvement purposes the following updates were made. Test Name was changed.	
4469B	Thiothixene (Cis Isomer), Blood		
	Summary of Updates:	For Quality Improvement purposes the following updates were made. Test Name was changed.	
4469SP	Thiothixene (Cis Isomer), Serum/Plasma		
	Summary of Updates:	For Quality Improvement purposes the following updates were made. Test Name was changed.	
4469U	Thiothixene (Cis Isomer), Urine		
	Summary of Updates:	For Quality Improvement purposes the following updates were made. Test Name was changed.	

DISCONTINUED TESTS

Test Code	Test Name	Alternative Test
8622U	Amobarbital, Urine	0320U Amobarbital
8625SP	Butabarbital, Serum/Plasma	0810SP Butabarbital
8626B	Butalbital, Blood	0830B Butalbital
8626SP	Butalbital, Serum/Plasma	0830SP Butalbital
8626U	Butalbital, Urine	0830U Butalbital
8005B	Bromide, Blood	0720B Bromide, Blood
8005SP	Bromide, Serum/Plasma	0720SP Bromide, Serum/Plasma
8005U	Bromide, Urine	0720U Bromide, Urine
0997B	Carbon Disulfide, Blood	No alternate test available
0997SP	Carbon Disulfide, Serum/Plasma	No alternate test available
0997U	Carbon Disulfide, Urine	0995U Carbon Disulfide Exposure Biouptake, Urine
8632B	Pentobarbital, Blood	3410B Pentobarbital
8632SP	Pentobarbital, Serum/Plasma	3410SP Pentobarbital
8632U	Pentobarbital, Urine	3410U Pentobarbital
8634B	Secobarbital, Blood	4170B Secobarbital
8634SP	Secobarbital, Serum/Plasma	4170SP Secobarbital
8634U	Secobarbital, Urine	4170U Secobarbital

REFERENCE COMMENT CHANGES

Test Code	Test Name / Compound	New Reference Comment
7620SP	17-Hydroxyprogesterone, Serum/Plasma <ul style="list-style-type: none"> 17-Hydroxyprogesterone 	<p>Reference Intervals for patients up to 6 months: 25 - 248 ng/dL</p> <p>Reference Intervals for Females: Age 6 months - 5 years: 3 - 107 ng/dL Age 6 - 9 years: 6 - 62 ng/dL Age 10 - 17 years: 15 - 137 ng/dL Age 18 years and above: 3 - 177 ng/dL</p> <p>Reference Intervals for Males: Age 6 months - 17 years: 7 - 100 ng/dL Age 18 years and above: 14 - 115 ng/dL</p>

REFERENCE COMMENT CHANGES

Test Code	Test Name / Compound	New Reference Comment
7644SP	Congenital Adrenal Hyperplasia (CAH) Panel, Serum/Plasma <ul style="list-style-type: none"> • 17-Hydroxyprogesterone 	<p>Reference Intervals for patients up to 6 months: 25 - 248 ng/dL</p> <p>Reference Intervals for Females: Age 6 months - 5 years: 3 - 107 ng/dL Age 6 - 9 years: 6 - 62 ng/dL Age 10 - 17 years: 15 - 137 ng/dL Age 18 years and above: 3 - 177 ng/dL</p> <p>Reference Intervals for Males: Age 6 months - 17 years: 7 - 100 ng/dL Age 18 years and above: 14 - 115 ng/dL</p>
4085B	Ranitidine, Blood <ul style="list-style-type: none"> • Ranitidine 	<p>Following the oral administration of 150 mg, the reported mean peak plasma concentrations ranged from 440 - 530 ng/mL at 2 to 3 hours. With chronic administration of 150 mg twice daily, the reported trough serum concentrations were approximately 55 ng/mL.</p> <p>IV administration of 1 mg/kg was reported to produce mean concentrations of 3500 ng/mL at 0.5 hours, 200 ng/mL at 2 hours and 100 ng/mL at 4 hours.</p> <p>The blood/plasma ratio of the drug is 1.0 to 1.1.</p>
4085SP	Ranitidine, Serum/Plasma <ul style="list-style-type: none"> • Ranitidine 	<p>Following the oral administration of 150 mg, the reported mean peak plasma concentrations ranged from 440 - 530 ng/mL at 2 to 3 hours. With chronic administration of 150 mg twice daily, the reported trough serum concentrations were approximately 55 ng/mL.</p> <p>IV administration of 1 mg/kg was reported to produce mean concentrations of 3500 ng/mL at 0.5 hours, 200 ng/mL at 2 hours and 100 ng/mL at 4 hours.</p>