



July 19, 2010

**UPDATED: 11/02/2010**

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.

<b>Type of Change</b>	<b>Explanation</b>
<b>New Tests</b>	Tests recently added to the NMS Labs test menu. New Tests are effective immediately.
<b>Test Changes</b>	Tests that have had changes to their method/CPT code, units of measurement, scope of analysis or specimen requirements. <b>Reference Comment change for 1033ST and 3765ST on Phosphorus.</b>
<b>Discontinued Tests</b>	Tests being discontinued with alternate testing suggestions.

Please be advised all changes listed in this packet will go into effect on **November 1, 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.
0402ST	Anthraquinones, Stool							•		
0402U	Anthraquinones (Qualitative), Urine							•		
0493B	Azatadine, Blood							•		
0658B	Bisacodyl (Qualitative), Blood							•		
0658SP	Bisacodyl (Qualitative), Serum/Plasma							•		
0658ST	Bisacodyl (Qualitative), Stool							•		
0658U	Bisacodyl (Qualitative), Urine							•		
1033ST	Cathartic Laxatives Profile (Qualitative), Stool		•		•				•	
1033U	Cathartic Laxatives Profile (Qualitative), Urine		•							
1304H	Cocaine and Metabolite, Hair (CSA)							•		
1619SP	Dihydrocodeine Screen - Free (Unconjugated), Serum/Plasma							•		
2551R	Magnesium - Total, RBCs								•	
3066R	Mineral Profile, RBCs								•	
3085B	Morphine and Glucuronide Metabolites, Blood	•								
3085SP	Morphine and Glucuronide Metabolites, Serum/Plasma	•								
3284U	Oxyphenisatin (Qualitative), Urine							•		
3641B	Phenolphthalein, Blood							•		
3641SP	Phenolphthalein, Serum/Plasma							•		
3641ST	Phenolphthalein, Stool							•		
3641U	Phenolphthalein, Urine							•		
3765B	Phosphorus - Total, Blood		•							
3765FL	Phosphorus - Total, Fluid		•							
3765R	Phosphorus - Total, RBCs		•							
3765SP	Phosphorus - Total, Serum/Plasma		•							
3765ST	Phosphorus - Total, Stool		•						•	
3765U	Phosphorus - Total, Urine		•							
6153R	Metals Panel 1, RBCs								•	
8375B	Oxazepam, Blood (Forensic)							•		
8623U	Aprobarbital, Urine							•		
8685U	Prochlorperazine, Urine							•		
9244P	Procaine Screen, Plasma							•		
9245SP	Procyclidine Screen, Serum/Plasma							•		
9279SP	Tolazamide Screen, Serum/Plasma							•		
9303U	Triprolidine Screen, Urine							•		
9337U	Trimethoprim Screen, Urine							•		
9406B	Amobarbital Screen, Blood							•		
9438B	Trimipramine and Metabolite Screen, Blood							•		

**NMS Labs**

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**NEW TESTS**

Test Code	Test Name	Reporting Limit	Units	Method / CPT Code
<b>3085B</b>	<b>Morphine and Glucuronide Metabolites, Blood</b>			
	Scope of Analysis: Morphine - Free	5	ng/mL	LC-MS/MS (83925)
	Reference Comment: Chronic pain patients receiving an average of 90 mg (range 20 - 1460) daily oral morphine had average serum concentrations of 73 ng/mL (range 13 - 710) morphine.  The ratio of whole blood concentration to serum or plasma concentration is approximately one.			
	Scope of Analysis: Morphine-6-beta-D-glucuronide	50	ng/mL	
	Reference Comment: Chronic pain patients receiving an average of 90 mg (range 20 - 1460) daily oral morphine had average serum concentrations of 530 ng/mL (range 69 - 3600) M6G.  The ratio of whole blood concentration to serum or plasma concentration is unknown for this analyte.			
	Scope of Analysis: Morphine-3-beta-D-glucuronide	300	ng/mL	
	Reference Comment: Chronic pain patients receiving an average of 90 mg (range 20 - 1460) daily oral morphine had average serum concentrations of 2900 ng/mL (range 800 - 15000) M3G.  The ratio of whole blood concentration to serum or plasma concentration is unknown for this analyte.			
	Specimen Requirements: Specimen Requirements: 2 mL Blood Transport Temperature: Refrigerated Specimen Container: Lavender top tube (EDTA) 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)			

**NEW TESTS**

Test Code	Test Name	Reporting Limit	Units	Method / CPT Code
<b>3085SP</b>	<b>Morphine and Glucuronide Metabolites, Serum/Plasma</b>			
	Scope of Analysis: Morphine - Free	5	ng/mL	LC-MS/MS (83925)
	Reference Comment: Chronic pain patients receiving an average of 90 mg (range 20 - 1460) daily oral morphine had average serum concentrations of 73 ng/mL (range 13 - 710) morphine.			
	Scope of Analysis: Morphine-6-beta-D-glucuronide	50	ng/mL	
	Reference Comment: Chronic pain patients receiving an average of 90 mg (range 20 - 1460) daily oral morphine had average serum concentrations of 530 ng/mL (range 69 - 3600) M6G.			
	Scope of Analysis: Morphine-3-beta-D-glucuronide	300	ng/mL	
	Reference Comment: Chronic pain patients receiving an average of 90 mg (range 20 - 1460) daily oral morphine had average serum concentrations of 2900 ng/mL (range 800 - 15000) M3G.			
	Specimen Requirements: Specimen Requirements: 2 mL Serum or Plasma Transport Temperature: Refrigerated Specimen Container: Plastic container (preservative-free) Light Protection: Not Required Special Handling: Serum: Collect sample in Red top tube Plasma: Collect sample in Lavender top tube (EDTA) or Pink top tube. Promptly centrifuge and separate Serum or Plasma into a plastic screw capped vial using approved guidelines. Rejection Criteria: Polymer gel separation tube (SST or PST).			
	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
<b>1033ST</b>	<b>Cathartic Laxatives Profile (Qualitative), Stool</b>		
	Magnesium		FAAS (83735)
	Phosphorus		ICP/AES (84100)
	Summary of Updates: For Quality Improvement purposes the following updates were made. Method was changed. Anthraquinones, Bisacodyl, Oils, Oxyphenisatin, Phenolphthalein were removed.		

Updates effective:  
November 1, 2010

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**TEST UPDATES**

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

<b>Test Code</b>	<b>Test Name</b>	<b>Units</b>	<b>Method / CPT Code</b>
<b>1033U</b>	<b>Cathartic Laxatives Profile (Qualitative), Urine</b>		
	Scope of Analysis: Anthraquinones		
	Bisacodyl		TLC (82489)
	Oxyphenisatin		
	Phenolphthalein		
	Magnesium		FAAS (83735)
	Phosphorus		<b>ICP/AES (84100)</b>
	Summary of Updates: For Quality Improvement purposes the following updates were made. Method was changed.		
<b>3765B</b>	<b>Phosphorus - Total, Blood</b>		
	Scope of Analysis: Phosphorus		<b>ICP/AES (84100)</b>
	Summary of Updates: For Quality Improvement purposes the following updates were made. Method was changed.		
<b>3765FL</b>	<b>Phosphorus - Total, Fluid</b>		
	Scope of Analysis: Phosphorus		<b>ICP/AES (84100)</b>
	Summary of Updates: For Quality Improvement purposes the following updates were made. Method was changed.		
<b>3765R</b>	<b>Phosphorus - Total, RBCs</b>		
	Scope of Analysis: Phosphorus		<b>ICP/AES (84100)</b>
	Summary of Updates: For Quality Improvement purposes the following updates were made. Method was changed.		
<b>3765SP</b>	<b>Phosphorus - Total, Serum/Plasma</b>		
	Scope of Analysis: Phosphorus		<b>ICP/AES (84100)</b>
	Summary of Updates: For Quality Improvement purposes the following updates were made. Method was changed.		
<b>3765ST</b>	<b>Phosphorus - Total, Stool</b>		
	Scope of Analysis: Phosphorus		<b>ICP/AES (84100)</b>
	Summary of Updates: For Quality Improvement purposes the following updates were made. Method was changed.		
<b>3765U</b>	<b>Phosphorus - Total, Urine</b>		
	Scope of Analysis: Phosphorus		<b>ICP/AES (84100)</b>
	Summary of Updates: For Quality Improvement purposes the following updates were made. Method was changed.		

**DISCONTINUED TESTS**

<b>Test Code</b>	<b>Test Name</b>	<b>Alternative Test</b>
9406B	Amobarbital Screen, Blood	0320B Amobarbital, Blood
0402U	Anthraquinones (Qualitative), Urine	No alternate test available
0402ST	Anthraquinones, Stool	No alternate test available
8623U	Aprobarbital, Urine	0450U Aprobarbital, Urine
0493B	Azatadine, Blood	9312B Azatadine Screen, Blood
0658B	Bisacodyl (Qualitative), Blood	No alternate test available
0658SP	Bisacodyl (Qualitative), Serum/Plasma	No alternate test available
0658ST	Bisacodyl (Qualitative), Stool	No alternate test available
0658U	Bisacodyl (Qualitative), Urine	No alternate test available
1304H	Cocaine and Metabolite, Hair (CSA)	1300H Cocaine and Metabolites (Qualitative), Hair
1619SP	Dihydrocodeine Screen - Free (Unconjugated), Serum/Plasma	8662SP Dihydrocodeine - Free (Unconjugated), Serum/Plasma
8375B	Oxazepam, Blood (Forensic)	3260B Oxazepam, Blood
3284U	Oxyphenisatin (Qualitative), Urine	No alternate test available
3641B	Phenolphthalein, Blood	No alternate test available
3641SP	Phenolphthalein, Serum/Plasma	No alternate test available
3641ST	Phenolphthalein, Stool	No alternate test available
3641U	Phenolphthalein, Urine	No alternate test available
9244P	Procaine Screen, Plasma	3940P Procaine, Plasma
8685U	Prochlorperazine, Urine	3950U Prochlorperazine, Urine
9245SP	Procyclidine Screen, Serum/Plasma	3957SP Procyclidine, Serum/Plasma
9279SP	Tolazamide Screen, Serum/Plasma	4490SP Tolazamide, Serum/Plasma
9337U	Trimethoprim Screen, Urine	4704U Trimethoprim, Urine
9438B	Trimipramine and Metabolite Screen, Blood	4706B Trimipramine and Metabolite, Blood
9303U	Tripolidine Screen, Urine	4720U Tripolidine, Urine

