



Effective Date:
Monday, February 06, 2012

New Tests and Test Updates

Modified Date: 12/14/2011

In our continuing effort to provide you with the highest quality toxicology laboratory services available, we have compiled important changes regarding a number of tests we perform. Listed below are the types of changes that may be included in this notification, effective Monday, February 06, 2012

New Tests - Tests recently added to the NMS Labs test menu. *New Tests are effective immediately.*

Test Changes - Tests that have had changes to the method/ CPT code, units of measurement, scope of analysis, reference comments, or specimen requirements.

Discontinued Tests - Tests being discontinued with alternate testing suggestions.

Please use this 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 notification, 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.

The CPT Codes provided in this document are based on AMA guidelines and are for informational purposes only. NMS Labs does not assume responsibility for billing errors due to reliance on the CPT Codes listed in this document.



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Test Code	Test Name	New Test	Test Name	Method / CPT Code	Specimen Req.	Stability	Scope	Units	Reference Comments	Discontinue
0395SP	Armodafinil, Serum/Plasma	•								
2660B	Mercaptopurine, Blood			•	•	•				
3430TI	Perchloroethylene, Tissue									•
4281U	Synthetic Cannabinoid Metabolites (Qualitative) - Expanded, Urine					•				
9562U	Synthetic Cannabinoid Metabolites Screen - Expanded, Urine (Forensic)					•				
2320B	Volatiles Panel, Blood		•							
2320SP	Volatiles Panel, Serum/Plasma		•							
2320TI	Volatiles Panel, Tissue		•							
2320U	Volatiles Panel, Urine		•							
1355U	o-Toluidine, Urine	•								



New Tests and Test Updates

New Tests

0395SP	Armodafinil, Serum/Plasma	Effective Immediately
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Scope of Analysis: Armodafinil [HPLC]
 Method(s): High Performance Liquid Chromatography (HPLC)
 Purpose: Therapeutic Drug Monitoring
 Category: Stimulant
 Specimen Requirements: 2 mL Serum or Plasma
 Minimum Volume: 0.7 mL
 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.
 Specimen Container: Plastic container (preservative-free)
 Transport Temperature: Refrigerated
 Light Protection: Not Required
 Rejection Criteria: Polymer gel separation tube (SST or PST).
 Stability: Room Temperature: 14 day(s)
 Refrigerated: 14 day(s)
 Frozen (-20 °C): 14 day(s)

Method: High Performance Liquid Chromatography (HPLC)
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Set-Up Days / TAT: Tuesday Thursday 2nd Shift 3 days (after set-up)
 CPT Code: 82491

Compound Name / Alias	Units	RL	Reference Comment
Armodafinil Nuvigil®	mcg/mL	0.2	The following peak plasma concentrations were reported following daily administration of armodafinil for 7 days: 50 mg: 1.8 +/- 0.2 mcg/mL 100 mg: 4.0 +/- 0.7 mcg/mL 250 mg: 9.2 +/- 0.7 mcg/mL 300 mg: 11 +/- 1.3 mcg/mL 400 mg: 13 +/- 5.3 mcg/mL

1355U	o-Toluidine, Urine	Effective Immediately
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Scope of Analysis: o-Toluidine [LC-MS/MS]
 Method(s): High Performance Liquid Chromatography/Tandem Mass Spectrometry (LC-MS/MS)
 Purpose: Exposure Monitoring
 Category: Industrial chemical
 Specimen Requirements: 7 mL Urine
 Minimum Volume: 3.2 mL
 Special Handling: Collect urine in a 50 mL plastic bottle containing 5 grams of citric acid. Collect sample at end of shift.
 Specimen Container: Plastic container
 Transport Temperature: Refrigerated
 Light Protection: Not Required
 Rejection Criteria: None
 Stability: Room Temperature: 30 day(s)
 Refrigerated: 30 day(s)
 Frozen (-20 °C): 30 day(s)



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Method: High Performance Liquid Chromatography/Tandem Mass Spectrometry (LC-MS/MS)

Set-Up Days / TAT: Wednesday 3 days (after set-up)

CPT Code: 83789

Compound Name / Alias	Units	RL	Reference Comment
o-Toluidine 1-Amino-2-methylbenzene; 1-Methyl-2-aminobenzene; 2-Amino-1-methylbenzene; 2-Aminotoluene; 2-Methyl-1-aminobenzene; 2-Methylaniline; 2-Methylbenzenamine; Methyl-2-aminobenzene; o-Aminotoluene; o-Methylaniline; o-Methylbenzenamine; o-Toluyamine	ng/mL	0.25	The reported urinary o-toluidine concentration in non-occupationally exposed populations was approximately 2 ng/mL. These population studies included both smokers and non-smokers. Higher values have been reported in smokers than non-smokers. Post-shift urinary o-toluidine levels from workers in a rubber chemical plant averaged 98 +/- 119 ng/mL.



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Test Changes

2660B Mercaptopurine, Blood

Summary of Changes: Specimen Requirements were changed.
Stability was changed.
Methods/CPT Codes were changed [LC-MS/MS (83789)]

Specimen Requirements: 1 mL Blood
Transport Temperature: Refrigerated
Specimen Container: Lavender top tube (EDTA)
Light Protection: Not Required
Special Handling: None
Rejection Criteria: None
Stability: Room Temperature: 21 day(s)
Refrigerated: 30 day(s)
Frozen (-20 °C): 30 day(s)
Scope of Analysis: LC-MS/MS (83789): Mercaptopurine
Method (CPT Code)

4281U Synthetic Cannabinoid Metabolites (Qualitative) - Expanded, Urine

Summary of Changes: Stability was changed.

Stability: Room Temperature: 30 day(s)
Refrigerated: 30 day(s)
Frozen (-20 °C): 30 day(s)

9562U Synthetic Cannabinoid Metabolites Screen - Expanded, Urine (Forensic)

Summary of Changes: Stability was changed.

Stability: Room Temperature: 30 day(s)
Refrigerated: 30 day(s)
Frozen (-20 °C): 30 day(s)

2320B Volatiles Panel, Blood

Summary of Changes: Test Name was changed.

2320SP Volatiles Panel, Serum/Plasma

Summary of Changes: Test Name was changed.

2320TI Volatiles Panel, Tissue

Summary of Changes: Test Name was changed.



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2320U Volatiles Panel, Urine

Summary of Changes: Test Name was changed.



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Discontinued Tests

Test Code	Test Name	Alternative Test
3430TI	Perchloroethylene, Tissue	No Alternate Tests Available