Effective Date:

Monday, November 05, 2012

New Tests and Test Updates

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, November 05, 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.

NMS LABS
3701 Welsh Road
Willow Grove, PA 19090
www.NMSLabs.com

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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								•	
0543U	Benzene OSHA Exposure Panel, Urine				•					
1874U	Drug Screen (9 Panel), Urine				•					
1861U	Drugs of Abuse Screen (5 Panel), Urine				•					
1864U	Drugs of Abuse Screen (9 Panel), Urine				•					
2063B	Etomidate, Blood			•	•					
2063P	Etomidate, Plasma			•						
2479U	Ketamine and Metabolite, Urine	•								
2542U	LSD (Qualitative), Urine (CSA)			•						
2541SP	LSD Screen, Serum/Plasma			•						
2541U	LSD Screen, Urine			•						
8334SP	LSD, Serum/Plasma (Forensic)			•						
8334U	LSD, Urine (Forensic)			•						
3045B	Modafinil, Blood								•	
3045SP	Modafinil, Serum/Plasma								•	
3045U	Modafinil, Urine								•	
9345U	Morphine Screen, Urine				•					
3236U	Opiates Screen, Urine				•					

New Tests and Test Updates

New Tests

2479U Ketamine and Metabolite, Urine **Effective Immediately**

Scope of Analysis:	Ketamine [GC/MS], Norketamine [GC/MS]
Method(s):	Gas Chromatography/Mass Spectrometry (GC/MS)
Purpose:	Therapeutic Drug Monitoring
Category:	Hypnotic, Sedative, Anesthetic
Specimen Requirements:	2 mL Urine
Minimum Volume:	0.7 mL
Special Handling:	None
Specimen Container:	Plastic container (preservative-free)
Transport Temperature:	Refrigerated
Light Protection:	Not Required
Rejection Criteria:	None
Stability:	Room Temperature: 7 day(s) Refrigerated: 14 day(s) Frozen (-20 °C): 14 day(s)

Method: Gas Chromatography/Mass Spectrometry (GC/MS)

Set-Up Days / TAT:	Tuesday Thursday 3 days (after set-up)
CPT Code:	82542

Compound Name / Alias	Units	RL	Reference Comment
Ketamine Ketalar®	ng/mL	40	Over a 72 hour period, approximately 2.3% of a single dose of ketamine is eliminated in urine as unchanged drug; the remainder is found as unconjugated and conjugated ketamine metabolites. In healthy young adults given a single 5 mg oral dose, the mean peak urine concentration of ketamine 2 hours post-dose was approximately 800 ng/mL. The mean urine concentration of ketamine in abusers of the drug was reported to be 1100 ng/mL.
Norketamine Ketamine Metabolite	ng/mL	40	Over a 72 hour period, approximately 1.6% of a single dose of ketamine is eliminated in urine as unchanged drug; the remainder is found as unconjugated norketamine. In healthy young adults given a single 5 mg oral dose, dose of ketamine, the mean peak urine concentration of norketamine 2 hours post-dose was approximately 1300 ng/mL. The mean urine concentration of norketamine in abusers of ketamine was reported to be 1200 ng/mL.

New Tests and Test Updates

Test Changes

0395SP Armodafinil, Serum/Plasma

Summary of Changes: Reference Comment was changed.

Scope of Analysis: HPLC (82491): Armodafinil
Method (CPT Code)

Compound Name	Units	Reference Comment
Armodafinil	mcg/mL	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 This test is not chiral specific; therefore, Armodafinil and/or Racemic Modafinil may be present.

0543U Benzene OSHA Exposure Panel, Urine

Summary of Changes: Specimen Requirements were changed.

Specimen Requirements: 2 mL Urine
Transport Temperature: Refrigerated
Specimen Container: Plastic container (preservative-free)
Light Protection: Not Required
Special Handling: Collect sample at end of shift.
Samples preserved with Benzoic Acid are unsuitable for analysis. Preservative-free Urine samples are recommended.
Rejection Criteria: Received Room Temperature.

1874U Drug Screen (9 Panel), Urine

Summary of Changes: Specimen Requirements (Specimen Container) were changed.

Specimen Requirements: 6 mL Urine
Transport Temperature: Refrigerated
Specimen Container: Plastic container (preservative-free)
Light Protection: Not Required
Special Handling: None
Rejection Criteria: None

New Tests and Test Updates

Test Changes

1861U Drugs of Abuse Screen (5 Panel), Urine

Summary of Changes:	Specimen Requirements (Specimen Container) were changed.
Specimen Requirements:	6 mL Urine
Transport Temperature:	Refrigerated
Specimen Container:	Plastic container (preservative-free)
Light Protection:	Not Required
Special Handling:	None
Rejection Criteria:	Received Room Temperature.

1864U Drugs of Abuse Screen (9 Panel), Urine

Summary of Changes:	Specimen Requirements (Specimen Container) were changed.
Specimen Requirements:	6 mL Urine
Transport Temperature:	Refrigerated
Specimen Container:	Plastic container (preservative-free)
Light Protection:	Not Required
Special Handling:	None
Rejection Criteria:	None

2063B Etomidate, Blood

Summary of Changes:	Specimen Requirements were changed. Methods/CPT Codes were changed [GC/MS (82542)]
Specimen Requirements:	1 mL Blood
Transport Temperature:	Refrigerated
Specimen Container:	Gray top tube (Sodium Fluoride / Potassium Oxalate)
Light Protection:	Not Required
Special Handling:	None
Rejection Criteria:	None
Scope of Analysis: Method (CPT Code)	GC/MS (82542): Etomidate

2063P Etomidate, Plasma

Summary of Changes:	Methods/CPT Codes were changed [GC/MS (82542)]
Scope of Analysis: Method (CPT Code)	GC/MS (82542): Etomidate

New Tests and Test Updates

Test Changes

2542U LSD (Qualitative), Urine (CSA)

Summary of Changes:	Methods/CPT Codes were changed [ELISA (80101)]
Scope of Analysis: Method (CPT Code)	ELISA (80101): LSD

2541SP LSD Screen, Serum/Plasma

Summary of Changes:	Methods/CPT Codes were changed [ELISA (80101)]
Scope of Analysis: Method (CPT Code)	ELISA (80101): LSD

2541U LSD Screen, Urine

Summary of Changes:	Methods/CPT Codes were changed [ELISA (80101)]
Scope of Analysis: Method (CPT Code)	ELISA (80101): LSD

8334SP LSD, Serum/Plasma (Forensic)

Summary of Changes:	Methods/CPT Codes were changed [ELISA (80101)]
Scope of Analysis: Method (CPT Code)	ELISA (80101): LSD LC-MS/MS (83789): LSD

8334U LSD, Urine (Forensic)

Summary of Changes:	Methods/CPT Codes were changed [ELISA (80101)]
Scope of Analysis: Method (CPT Code)	ELISA (80101): LSD LC-MS/MS (83789): LSD

3045B Modafinil, Blood

Summary of Changes:	Reference Comment was changed.
Scope of Analysis: Method (CPT Code)	HPLC (82491): Modafinil

New Tests and Test Updates

Test Changes

Compound Name	Units	Reference Comment
Modafinil	mcg/mL	With normal daily oral doses of 200 - 600 mg: Mean peak plasma levels range from 4.8 (+/- 0.6) to 17 (+/- 2.0) mcg/mL. Mean trough plasma levels range from 0.91 (+/- 0.1) to 4.8 (+/- 0.6) mcg/mL. This test is not chiral specific; therefore, Armodafinil and/or Racemic Modafinil may be present.

3045SP Modafinil, Serum/Plasma

Summary of Changes: Reference Comment was changed.

Scope of Analysis: Method (CPT Code): HPLC (82491): Modafinil

Compound Name	Units	Reference Comment
Modafinil	mcg/mL	With normal daily oral doses of 200 - 600 mg: Mean peak plasma levels range from 4.8 (+/- 0.6) to 17 (+/-2.0) mcg/mL. Mean trough plasma levels range from 0.91 (+/-0.1) to 4.8 (+/-0.6) mcg/mL. This test is not chiral specific; therefore, Armodafinil and/or Racemic Modafinil may be present.

3045U Modafinil, Urine

Summary of Changes: Reference Comment was changed.

Scope of Analysis: Method (CPT Code): HPLC (82491): Modafinil

Compound Name	Units	Reference Comment
Modafinil	mcg/mL	This test is not chiral specific; therefore, Armodafinil and/or Racemic Modafinil may be present.

9345U Morphine Screen, Urine

Summary of Changes: Specimen Requirements (Specimen Container) were changed.

New Tests and Test Updates

Test Changes

Specimen Requirements:	2 mL Urine
Transport Temperature:	Refrigerated
Specimen Container:	Plastic container (preservative-free)
Light Protection:	Not Required
Special Handling:	None
Rejection Criteria:	None

3236U Opiates Screen, Urine

Summary of Changes: Specimen Requirements (Specimen Container) were changed.

Specimen Requirements:	3 mL Urine
Transport Temperature:	Refrigerated
Specimen Container:	Plastic container (preservative-free)
Light Protection:	Not Required
Special Handling:	None
Rejection Criteria:	None

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