



Effective Date:

Monday, August 05, 2013

New Tests and Test Updates

Modified Date: 08/14/2013

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, August 05, 2013

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
1430U	2,4-Dichlorophenoxyacetic Acid, Urine				•					
9107U	Amoxapine and Metabolite Screen, Urine				•					
0485B	Atrazine, Blood			•				•		
0485SP	Atrazine, Serum/Plasma			•				•		
0485U	Atrazine, Urine			•				•		
9329U	Benzodiazepines Panel, Urine				•					
10002U	Benzodiazepines Panel, Urine (CSA)				•					
1264B	Chromium and Cobalt, Blood (CSA)									•
9139U	Clonazepam and Metabolite Screen, Urine				•					
1270U	Clonazepam and Metabolite, Urine				•					
1567U	Dichlorophenol 2,5-, Urine				•					
8076U	Drug Impaired Driving/DRE Toxicology Low Dose Benzodiazepines Add-On, Urine (Forensic)				•					
7542SP	Ethanol - Title 17, Serum/Plasma	•								
2074SP	Finasteride, Serum/Plasma									•
9341U	Flunitrazepam and Metabolites Screen, Urine				•					
9295U	Herbicides Panel 1 Screen, Urine				•					
9296B	Herbicides Panel 2 Screen, Blood									•
9296SP	Herbicides Panel 2 Screen, Serum/Plasma									•
9296U	Herbicides Panel 2 Screen, Urine									•
2278B	Herbicides Panel 2, Blood	•								
2278SP	Herbicides Panel 2, Serum/Plasma	•								
2278U	Herbicides Panel 2, Urine	•								
2286B	Hexachlorophene, Blood									•
9546FL	Hydrochlorothiazide Screen (Add-On), Fluid (Forensic) (CSA)									•
9546TI	Hydrochlorothiazide Screen (Add-On), Tissue (Forensic) (CSA)									•
3048B	Metribuzin, Blood			•				•	•	
3048SP	Metribuzin, Serum/Plasma			•				•	•	
3048U	Metribuzin, Urine			•				•	•	



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Test Code	Test Name	New Test	Test Name	Method / CPT Code	Specimen Req.	Stability	Scope	Units	Reference Comments	Discontinue
3057U	Midazolam as Metabolite, Urine				•					
3175U	Nitrazepam and Metabolite, Urine				•					
3223U	Nonsteroidal Anti-Inflammatory Drug Panel, Urine				•					
3243F	Organochlorine Pesticides, Fat				•					
3656B	Phenothiazines Panel, Blood									•
3656SP	Phenothiazines Panel, Serum/Plasma									•
3656TI	Phenothiazines Panel, Tissue									•
9550U	Risperidone and Metabolite Screen (Add-On), Urine (Forensic) (CSA)				•					
7604SP	Testosterone - Free, Serum/Plasma									•
5596U	Thebaine Confirmation, Urine				•					
9272U	Thebaine Screen, Urine				•					
3135SP	Vitamin K, Serum/Plasma	•								



New Tests and Test Updates

New Tests

7542SP	Ethanol - Title 17, Serum/Plasma	Effective Immediately
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Scope of Analysis: Acetone [GCFID], Ethanol Approved by: [GCFID], Ethanol Date Approved: [GCFID], Ethanol [GCFID], Isopropanol [GCFID], Methanol [GCFID]

Method(s): Headspace Gas Chromatography-Flame Ionization Detector (GC-FID)

Purpose: Send-Out Acode; Forensic Analysis; DUI; New York State test approval status is Undetermined

Category: Hypnotic, Sedative, Volatile, Environmental/Occupation Toxin

Specimen Requirements: 1 mL Serum or Plasma

Minimum Volume: 0.25 mL

Special Handling: Collect sample using alcohol free skin preparation. Promptly centrifuge and separate Serum or Plasma into an 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: 3 month(s)
Refrigerated: 3 month(s)
Frozen (-20 °C): 8 month(s)

Method: Headspace Gas Chromatography-Flame Ionization Detector (GC-FID)
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Set-Up Days / TAT: 4 Hours 14 days (after set-up)

CPT Code: None

Compound Name / Alias	Units	RL	Reference Comment
Ethanol	% w/v		Analysis for Ethanol - Title 17 was performed by: County of San Diego Office of the Medical Examiner 5570 Overland Ave., Ste # 101 San Diego, CA 92123-1206 Unless alternate arrangements are made by you, County of San Diego will store specimens for a minimum of six (6) months following the receipt of the specimen.
Methanol	% w/v		
Isopropanol	% w/v		
Acetone	% w/v		
Ethanol Approved by:			
Ethanol Date Approved:			

2278B	Herbicides Panel 2, Blood	Effective Immediately
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Scope of Analysis: Atrazine [GC], Cyanazine [GC], Metribuzin [GC], Propazine [GC], Simazine [GC]

Method(s): Gas Chromatography (GC)

Purpose: Exposure Monitoring; This test is New York State approved.

Category: Herbicide

Specimen Requirements: 3 mL Blood

Minimum Volume: 1.2 mL

Special Handling: None



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New Tests

Specimen Container: Lavender top tube (EDTA)
 Transport Temperature: Frozen
 Light Protection: Not Required
 Rejection Criteria: None
 Stability: Room Temperature: Undetermined
 Refrigerated: Undetermined
 Frozen (-20 °C): Undetermined

Method: Gas Chromatography (GC)

Set-Up Days / TAT: Wednesday 3 days (after set-up)
 CPT Code: 82492

Compound Name / Alias	Units	RL	Reference Comment
Atrazine Primatol A	ng/mL	20	
Cyanazine Bladex	ng/mL	20	
Metribuzin Sencor	ng/mL	20	Caffeine interferes with metribuzin in this analysis. The presence of high levels of caffeine will adversely affect the quantitation of metribuzin. If high amounts of caffeine are suspected call the laboratory for alternate quantitative procedures.
Propazine Gesamil	ng/mL	20	
Simazine Prin	ng/mL	20	

2278SP Herbicides Panel 2, Serum/Plasma

Effective Immediately

Scope of Analysis: Atrazine [GC], Cyanazine [GC], Metribuzin [GC], Propazine [GC], Simazine [GC]
 Method(s): Gas Chromatography (GC)
 Purpose: Exposure Monitoring; This test is New York State approved.
 Category: Herbicide

Specimen Requirements: 3 mL Serum or Plasma

Minimum Volume: 1.2 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: Frozen

Light Protection: Not Required

Rejection Criteria: Polymer gel separation tube (SST or PST).

Stability: Room Temperature: Undetermined
 Refrigerated: Undetermined
 Frozen (-20 °C): Undetermined

Method: Gas Chromatography (GC)

Set-Up Days / TAT: Wednesday 3 days (after set-up)
 CPT Code: 82492

Compound Name / Alias	Units	RL	Reference Comment
Atrazine Primatol A	ng/mL	20	
Cyanazine Bladex	ng/mL	20	



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Compound Name / Alias	Units	RL	Reference Comment
Metribuzin Sencor	ng/mL	20	Caffeine interferes with metribuzin in this analysis. The presence of high levels of caffeine will adversely affect the quantitation of metribuzin. If high amounts of caffeine are suspected call the laboratory for alternate quantitative procedures.
Propazine Gesamil	ng/mL	20	
Simazine Princep	ng/mL	20	

2278U Herbicides Panel 2, Urine Effective Immediately

Scope of Analysis: Atrazine [GC], Cyanazine [GC], Metribuzin [GC], Propazine [GC], Simazine [GC]
 Method(s): Gas Chromatography (GC)
 Purpose: Herbicides Panel 2
 Category: Herbicide
 Specimen Requirements: 3 mL Urine
 Minimum Volume: 1.2 mL
 Special Handling: None
 Specimen Container: Plastic container (preservative-free)
 Transport Temperature: Frozen
 Light Protection: Not Required
 Rejection Criteria: None
 Stability: Room Temperature: Undetermined
 Refrigerated: Undetermined
 Frozen (-20 °C): Undetermined

Method: Gas Chromatography (GC)

Set-Up Days / TAT: Wednesday 3 days (after set-up)
 CPT Code: 82492

Compound Name / Alias	Units	RL	Reference Comment
Atrazine Primatol A	ng/mL	20	
Cyanazine Bladex	ng/mL	20	
Metribuzin Sencor	ng/mL	20	Caffeine interferes with metribuzin in this analysis. The presence of high levels of caffeine will adversely affect the quantitation of metribuzin. If high amounts of caffeine are suspected call the laboratory for alternate quantitative procedures.
Propazine Gesamil	ng/mL	20	
Simazine Princep	ng/mL	20	

3135SP Vitamin K, Serum/Plasma Effective Immediately

Scope of Analysis: Vitamin K [LC-MS/MS]
 Method(s): High Performance Liquid Chromatography/Tandem Mass Spectrometry (LC-MS/MS)
 Purpose: Endocrinology; This test is New York State approved.
 Category: Vitamin
 Specimen Requirements: 1 mL Serum or Plasma



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New Tests

Minimum Volume: 0.3 mL
Special Handling: None
Specimen Container: Plastic container (preservative-free)
Transport Temperature: Frozen
Light Protection: Yes
Rejection Criteria: Not received Light Protected. Received Refrigerated. Polymer gel separation tube (SST or PST).
Stability: Room Temperature: Undetermined
Refrigerated: 3 day(s)
Frozen (-20 °C): 30 day(s)

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

Set-Up Days / TAT: Tuesday Thursday 4 days (after set-up)

CPT Code: 83789

Compound Name / Alias	Units	RL	Reference Comment
Vitamin K	ng/mL	0.05	Reference Intervals: Age 18 - 60 years: 0.09 - 2.47 ng/mL



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Test Changes

1430U 2,4-Dichlorophenoxyacetic Acid, 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

9107U Amoxapine and Metabolite 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

0485B Atrazine, Blood

Summary of Changes: Units were changed.
 Methods/CPT Codes were changed [GC (82491)]

Scope of Analysis: GC (82491): Atrazine
 Method (CPT Code)

Compound Name	Units	Reference Comment
Atrazine	ng/mL	No reference data available.

0485SP Atrazine, Serum/Plasma

Summary of Changes: Units were changed.
 Methods/CPT Codes were changed [GC (82491)]

Scope of Analysis: GC (82491): Atrazine
 Method (CPT Code)

Compound Name	Units	Reference Comment
Atrazine	ng/mL	No reference data available.

0485U Atrazine, Urine



New Tests and Test Updates

Test Changes

Summary of Changes: Units were changed.
Methods/CPT Codes were changed [GC (82491)]

Scope of Analysis: GC (82491): Atrazine
Method (CPT Code)

Compound Name	Units	Reference Comment
Atrazine	ng/mL	No reference data available.

10002U Benzodiazepines Panel, Urine (CSA)

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

Specimen Requirements: 1 mL Urine
Transport Temperature: Refrigerated
Specimen Container: Plastic container (preservative-free)
Light Protection: Not Required
Special Handling: None
Rejection Criteria: None

9329U Benzodiazepines Panel, Urine

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

Specimen Requirements: 1 mL Urine
Transport Temperature: Refrigerated
Specimen Container: Plastic container (preservative-free)
Light Protection: Not Required
Special Handling: None
Rejection Criteria: Received Room Temperature.

9139U Clonazepam and Metabolite 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

1270U Clonazepam and Metabolite, Urine



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Test Changes

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

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

1567U Dichlorophenol 2,5-, 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: Collect sample at end of shift.
Rejection Criteria: None

8076U Drug Impaired Driving/DRE Toxicology Low Dose Benzodiazepines Add-On, Urine (Forensic)

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

Specimen Requirements: 5 mL Urine
Transport Temperature: Refrigerated
Specimen Container: Plastic container (preservative-free)
Light Protection: Not Required
Special Handling: None
Rejection Criteria: None

9341U Flunitrazepam and Metabolites 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: Received Room Temperature.



New Tests and Test Updates

Test Changes

9295U Herbicides Panel 1 Screen, Urine

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

Specimen Requirements: 5 mL Urine
Transport Temperature: Frozen
Specimen Container: Plastic container (preservative-free)
Light Protection: Not Required
Special Handling: None
Rejection Criteria: None

3048B Metribuzin, Blood

Summary of Changes: Reference Comment was changed.
Units were changed.
Methods/CPT Codes were changed [GC (82491)]

Scope of Analysis: GC (82491): Metribuzin
Method (CPT Code)

Compound Name	Units	Reference Comment
Metribuzin	ng/mL	Caffeine interferes with metribuzin in this analysis. The presence of high levels of caffeine will adversely affect the quantitation of metribuzin. If high amounts of caffeine are suspected call the laboratory for alternate quantitative procedures.

3048SP Metribuzin, Serum/Plasma

Summary of Changes: Reference Comment was changed.
Units were changed.
Methods/CPT Codes were changed [GC (82491)]

Scope of Analysis: GC (82491): Metribuzin
Method (CPT Code)

Compound Name	Units	Reference Comment
Metribuzin	ng/mL	Caffeine interferes with metribuzin in this analysis. The presence of high levels of caffeine will adversely affect the quantitation of metribuzin. If high amounts of caffeine are suspected call the laboratory for alternate quantitative procedures.

3048U Metribuzin, Urine



New Tests and Test Updates

Test Changes

Summary of Changes: Reference Comment was changed.
Units were changed.
Methods/CPT Codes were changed [GC (82491)]

Scope of Analysis: GC (82491): Metribuzin
Method (CPT Code)

Compound Name	Units	Reference Comment
Metribuzin	ng/mL	Caffeine interferes with metribuzin in this analysis. The presence of high levels of caffeine will adversely affect the quantitation of metribuzin. If high amounts of caffeine are suspected call the laboratory for alternate quantitative procedures.

3057U Midazolam as Metabolite, Urine

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

Specimen Requirements: 1 mL Urine
Transport Temperature: Refrigerated
Specimen Container: Plastic container (preservative-free)
Light Protection: Not Required
Special Handling: None
Rejection Criteria: None

3175U Nitrazepam and Metabolite, Urine

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

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

3223U Nonsteroidal Anti-Inflammatory Drug Panel, Urine

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



New Tests and Test Updates

Test Changes

Specimen Requirements: 1 mL Urine
Transport Temperature: Refrigerated
Specimen Container: Plastic container (preservative-free)
Light Protection: Yes
Special Handling: None
Rejection Criteria: Not received Light Protected.

3243F Organochlorine Pesticides, Fat

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

Specimen Requirements: 5 g Fat
Transport Temperature: Refrigerated
Specimen Container: Plastic container (preservative-free)
Light Protection: Not Required
Special Handling: None
Rejection Criteria: None

9550U Risperidone and Metabolite Screen (Add-On), Urine (Forensic) (CSA)

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

Specimen Requirements: 2 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: None

5596U Thebaine Confirmation, Urine

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

Specimen Requirements: 5 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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Test Changes

9272U Thebaine Screen, Urine

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

Specimen Requirements: 9 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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Discontinued Tests

Test Code	Test Name	Alternative Test
1264B	Chromium and Cobalt, Blood (CSA)	No Alternate Tests Available
2074SP	Finasteride, Serum/Plasma	7714 - Special Request
9296B	Herbicides Panel 2 Screen, Blood	2278B - Herbicides Panel 2, Blood
9296SP	Herbicides Panel 2 Screen, Serum/Plasma	2278SP - Herbicides Panel 2, Serum/Plasma
9296U	Herbicides Panel 2 Screen, Urine	2278U - Herbicides Panel 2, Urine
2286B	Hexachlorophene, Blood	No Alternate Tests Available
9546FL	Hydrochlorothiazide Screen (Add-On), Fluid (Forensic) (CSA)	No Alternate Tests Available
9546TI	Hydrochlorothiazide Screen (Add-On), Tissue (Forensic) (CSA)	No Alternate Tests Available
3656B	Phenothiazines Panel, Blood	8680B - Phenothiazines Panel, Blood
3656SP	Phenothiazines Panel, Serum/Plasma	8680SP - Phenothiazines Panel, Serum/Plasma
3656TI	Phenothiazines Panel, Tissue	8680U - Phenothiazines Panel, Urine
7604SP	Testosterone - Free, Serum/Plasma	No Alternate Tests Available