



Effective Date:

Monday, December 05, 2011

## 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, December 05, 2011

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**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.

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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
1611B	1,1-Difluoroethane (DFE), Blood				•					
2358U	1-Hydroxypyrene, Urine				•					
2053U	2-Butoxyethanol Occupational Exposure Monitoring, Urine				•					
0273U	Aminophenol, para-, Urine				•					
0390U	Aniline Exposure, Urine				•					
0468U	Arsenic, Total Inorganic, Urine				•					
0460U	Arsenic, Urine				•					
0638LI	Beryllium, Liquid				•					
0638U	Beryllium, Urine				•					
0921U	Cadmium, Urine				•					
9544B	Digoxin Screen (Add-On), Blood (Forensic) (CSA)				•					
9544FL	Digoxin Screen (Add-On), Fluid (Forensic) (CSA)				•					
1615FL	Digoxin, Fluid (Forensic)				•					
2029U	Ethylbenzene Exposure Biouptake, Urine				•					
2054U	Ethylene Glycol Monomethyl Ether, Urine				•					
2090U	Fluoride, Urine				•					
2156B	Germanium, Blood				•					
2488B	Labetalol, Blood				•					
2557U	Mandelic Acid, Urine				•					
0558B	N-Benzylpiperazine, Blood				•					
0558SP	N-Benzylpiperazine, Serum/Plasma				•					



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### Test Changes

#### 1611B 1,1-Difluoroethane (DFE), Blood

Summary of Changes: Specimen Requirements were changed.

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Specimen Requirements: 3 mL Blood

Transport Temperature: Refrigerated

Specimen Container: Gray top tube (Sodium Fluoride / Potassium Oxalate)

Light Protection: Not Required

Special Handling: Ensure that container remains tightly sealed.

Rejection Criteria: None

#### 2358U 1-Hydroxypyrene, Urine

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

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Specimen Requirements: 6 mL Urine

Transport Temperature: Frozen

Specimen Container: Plastic container (preservative-free)

Light Protection: Not Required

Special Handling: None

Rejection Criteria: Received Room Temperature. Received Refrigerated.

#### 2053U 2-Butoxyethanol Occupational Exposure Monitoring, Urine

Summary of Changes: Specimen Requirements were changed.

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Specimen Requirements: 5 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

#### 0273U Aminophenol, para-, Urine

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

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### Test Changes

Specimen Requirements: 6 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

#### 0390U Aniline Exposure, Urine

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

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Specimen Requirements: 6 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

#### 0468U Arsenic, Total Inorganic, Urine

Summary of Changes: Specimen Requirements were changed.

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Specimen Requirements: 6 mL Urine  
Transport Temperature: Refrigerated  
Specimen Container: Plastic container (Acid washed or Trace metal-free)  
Light Protection: Not Required  
Special Handling: Unpreserved urine should be refrigerated immediately and analyzed within 1 week of collection. Acceptable preservatives include: Trace Metal Free Hydrochloric Acid or Nitric Acid (0.1 mL of 12M acid/10 mL urine). Avoid exposure to gadolinium-based contrast media for 48 hours prior to sample collection.  
Rejection Criteria: None

#### 0460U Arsenic, Urine

Summary of Changes: Specimen Requirements were changed.

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## New Tests and Test Updates

### Test Changes

Specimen Requirements: 4 mL Urine  
Transport Temperature: Refrigerated  
Specimen Container: Plastic container (Acid washed or Trace metal-free)  
Light Protection: Not Required  
Special Handling: Unpreserved urine should be refrigerated immediately and analyzed within 1 week of collection. Acceptable preservatives include: Trace Metal Free Hydrochloric Acid or Nitric Acid (0.1 mL of 12M acid/10 mL urine). Avoid exposure to gadolinium-based contrast media for 48 hours prior to sample collection. Avoid seafood consumption for 48 hours prior to sample collection.  
Rejection Criteria: None

#### 0638LI Beryllium, Liquid

Summary of Changes: Specimen Requirements were changed.

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Specimen Requirements: 3 mL Liquid  
Transport Temperature: Refrigerated  
Specimen Container: Plastic container (Acid washed or Trace metal-free)  
Light Protection: Not Required  
Special Handling: None  
Rejection Criteria: None

#### 0638U Beryllium, Urine

Summary of Changes: Specimen Requirements were changed.

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Specimen Requirements: 4 mL Urine  
Transport Temperature: Refrigerated  
Specimen Container: Plastic container (Acid washed or Trace metal-free)  
Light Protection: Not Required  
Special Handling: Avoid exposure to gadolinium-based contrast media for 48 hours prior to sample collection.  
Rejection Criteria: None

#### 0921U Cadmium, Urine

Summary of Changes: Specimen Requirements were changed.

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### Test Changes

Specimen Requirements: 4 mL Urine  
Transport Temperature: Refrigerated  
Specimen Container: Plastic container (Acid washed or Trace metal-free)  
Light Protection: Not Required  
Special Handling: Unpreserved urine should be refrigerated immediately and analyzed within 1 week of collection. Acceptable preservatives include: Trace Metal Free Nitric Acid (0.1 mL of 16M acid/10 mL urine). Avoid exposure to gadolinium-based contrast media for 48 hours prior to sample collection.  
Rejection Criteria: None

#### 9544B Digoxin Screen (Add-On), Blood (Forensic) (CSA)

Summary of Changes: Specimen Requirements were changed.

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Specimen Requirements: 6 mL Blood  
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

#### 9544FL Digoxin Screen (Add-On), Fluid (Forensic) (CSA)

Summary of Changes: Specimen Requirements were changed.

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Specimen Requirements: 9 mL Fluid  
Transport Temperature: Refrigerated  
Specimen Container: Plastic container (preservative-free)  
Light Protection: Not Required  
Special Handling: None  
Rejection Criteria: None

#### 1615FL Digoxin, Fluid (Forensic)

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

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# New Tests and Test Updates

## Test Changes

Specimen Requirements: 5 mL Fluid  
Transport Temperature: Refrigerated  
Specimen Container: Plastic container (preservative-free)  
Light Protection: Not Required  
Special Handling: Submit with Chain of Custody.  
Rejection Criteria: None

### 2029U Ethylbenzene Exposure Biouptake, Urine

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

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Specimen Requirements: 4 mL Urine  
Transport Temperature: Refrigerated  
Specimen Container: Plastic container (preservative-free)  
Light Protection: Not Required  
Special Handling: None  
Rejection Criteria: None

### 2054U Ethylene Glycol Monomethyl Ether, Urine

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

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Specimen Requirements: 5 mL Urine  
Transport Temperature: Refrigerated  
Specimen Container: Plastic container (preservative-free)  
Light Protection: Not Required  
Special Handling: Collect sample at end of shift at end of work week.  
Rejection Criteria: None

### 2090U Fluoride, Urine

Summary of Changes: Specimen Requirements were changed.

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Specimen Requirements: 8 mL Urine  
Transport Temperature: Refrigerated  
Specimen Container: Plastic container (Acid washed or Trace metal-free)  
Light Protection: Not Required  
Special Handling: Avoid exposure to gadolinium-based contrast media for 48 hours prior to sample collection.  
Rejection Criteria: None



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#### 2156B Germanium, Blood

Summary of Changes: Specimen Requirements were changed.

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Specimen Requirements: 3 mL Blood  
Transport Temperature: Refrigerated  
Specimen Container: Royal Blue top tube (Trace metal-free; EDTA)  
Light Protection: Not Required  
Special Handling: Clotted Blood specimens are not acceptable.  
Submit in container with a non-Heparin based anticoagulant. Tubes containing Heparin based anticoagulants are not acceptable.  
Rejection Criteria: Light Green top tube (Lithium Heparin). Tan top tube - glass (Sodium Heparin). Royal Blue top tube (Trace metal-free; Sodium Heparin). Green top tube (Sodium Heparin).

#### 2488B Labetalol, Blood

Summary of Changes: Specimen Requirements were changed.

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Specimen Requirements: 5 mL Blood  
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

#### 2557U Mandelic Acid, Urine

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

---

Specimen Requirements: 4 mL Urine  
Transport Temperature: Refrigerated  
Specimen Container: Plastic container (preservative-free)  
Light Protection: Not Required  
Special Handling: None  
Rejection Criteria: None

#### 0558B N-Benzylpiperazine, Blood

Summary of Changes: Specimen Requirements were changed.

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## New Tests and Test Updates

### Test Changes

Specimen Requirements: 2 mL Blood  
Transport Temperature: Refrigerated  
Specimen Container: Lavender top tube (EDTA)  
Light Protection: Not Required  
Special Handling: None  
Rejection Criteria: None

#### **0558SP N-Benzylpiperazine, Serum/Plasma**

Summary of Changes: Specimen Requirements were changed.

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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).