



Effective Date:

Thursday, November 29, 2012

# New Tests and Test Updates

## Immediate Action

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 Thursday, November 29, 2012

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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
0088B	Acetonitrile Exposure Profile, Blood				•					
0148B	Acrylonitrile Exposure Profile, Blood				•					
5636B	Cyanide Confirmation, Blood				•					
5647B	Cyanide Confirmation, Blood (Forensic)				•					
9142B	Cyanide Screen, Blood				•					
1380B	Cyanide, Blood				•					
8103B	Environmental Exposure Screen, Blood (Forensic)			•	•					
8104B	Postmortem Toxicology - Fire Death Screen, Blood (Forensic)			•	•					



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### Test Changes

#### 0088B Acetonitrile Exposure Profile, Blood

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

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Specimen Requirements: 3 mL Blood  
Transport Temperature: Refrigerated  
Specimen Container: Gray top tube (Sodium Fluoride / Potassium Oxalate), Lavender top tube (EDTA)  
Light Protection: Not Required  
Special Handling: For Cyanide analysis, blood must be submitted in a Lavender Top Tube.  
Collect sample using alcohol free skin preparation.  
Rejection Criteria: None

#### 0148B Acrylonitrile Exposure Profile, Blood

Summary of Changes: Specimen Requirements (Transport Temperature) were changed.  
Specimen Requirements (Specimen Container) were changed.  
Specimen Requirements (Special Handling) were changed.

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Specimen Requirements: 3 mL Blood  
Transport Temperature: Refrigerated  
Specimen Container: Gray top tube (Sodium Fluoride / Potassium Oxalate), Lavender top tube (EDTA)  
Light Protection: Not Required  
Special Handling: For Cyanide analysis, blood must be submitted in a Lavender Top Tube.  
Collect sample using alcohol free skin preparation.  
Rejection Criteria: None

#### 5647B Cyanide Confirmation, Blood (Forensic)

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

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

#### 5636B Cyanide Confirmation, Blood

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

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### 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

#### 9142B Cyanide Screen, Blood

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

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Specimen Requirements: 3 mL Blood  
Transport Temperature: Refrigerated  
Specimen Container: Lavender top tube (EDTA)  
Light Protection: Not Required  
Special Handling: None  
Rejection Criteria: None

#### 1380B Cyanide, Blood

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

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

#### 8103B Environmental Exposure Screen, Blood (Forensic)

Summary of Changes: Specimen Requirements (Special Handling) were changed.  
Methods/CPT Codes were changed [MD (80101)]  
Method for Cyanide was changed

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Specimen Requirements: 10 mL Blood  
Transport Temperature: Refrigerated  
Specimen Container: Gray top tube (Sodium Fluoride / Potassium Oxalate), Lavender top tube (EDTA),  
Royal Blue top tube (Trace metal-free; EDTA)  
Light Protection: Not Required



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### Test Changes

- Special Handling:** For Cyanide analysis, blood must be submitted in a Lavender Top Tube. Avoid seafood consumption for 48 hours prior to sample collection. 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). Glass container. Tan top tube - glass (Sodium Heparin). Royal Blue top tube (Trace metal-free; Sodium Heparin). Green top tube (Sodium Heparin).
- Scope of Analysis:** MD (80101): Cyanide  
**Method (CPT Code)** Colorimetry (80101): Bromides  
Headspace GC (82055): Ethanol, Blood Alcohol Concentration (BAC), Methanol, Isopropanol, Acetone  
ICP/MS (83655): Lead  
ICP/MS (82175): Arsenic  
ICP/MS (84255): Selenium  
ICP/MS (83018): Thallium  
ICP/MS (83825): Mercury  
GC (83921): Trichloroacetic Acid  
Headspace GC (84600): Volatiles  
GC (84600): Hydrocarbon Gases  
GC (84600): Halocarbons  
ICP/MS (83018): Bismuth  
ICP/MS (83018): Barium  
ICP/MS (83018): Antimony  
EZA (82480): Cholinesterase  
SP (80101): Carboxyhemoglobin  
SP (83050): Methemoglobin, Sulfhemoglobin

#### 8104B Postmortem Toxicology - Fire Death Screen, Blood (Forensic)

**Summary of Changes:** Specimen Requirements (Special Handling) were changed.  
Methods/CPT Codes were changed [MD (80101)]  
Method for Cyanide was changed.

- Specimen Requirements:** 10 mL Blood  
**Transport Temperature:** Refrigerated  
**Specimen Container:** Gray top tube (Sodium Fluoride / Potassium Oxalate), Lavender top tube (EDTA)  
**Light Protection:** Not Required  
**Special Handling:** For Cyanide analysis, blood must be submitted in a Lavender Top Tube.  
**Rejection Criteria:** None  
**Scope of Analysis:** MD (80101): Cyanide  
**Method (CPT Code)** ELISA (80101x9): Opiates, Cocaine / Metabolites, Benzodiazepines, Cannabinoids, Amphetamines, Barbiturates, Methadone, Phencyclidine, Propoxyphene  
Headspace GC (84600): Volatiles  
SP (80101): Carboxyhemoglobin  
SP (83050): Methemoglobin, Sulfhemoglobin