



Effective Date:  
Monday, December 03, 2018

## 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 03, 2018

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**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 Updates

Test Code	Test Name	Test Name	Method / CPT Code	Specimen Req.	Stability	Scope	Units	Reference Comments	Discontinue
1320B	Colchicine, Blood			•	•			•	
1320SP	Colchicine, Serum/Plasma				•			•	
1320U	Colchicine, Urine								•
8103B	Environmental Exposure Screen, Blood (Forensic)					•			
2413B	Inhalants Panel, Solvents and Gases, Blood			•					
2411B	Inhalants Panel, Solvents, Blood			•					
6364R	Inorganic Panel 64, RBCs			•		•			
2697B	Metals Acute Poisoning Panel, Blood (CSA)			•		•			
10083B	Metals Panel 4, Blood (CSA)					•			
10084B	Metals Panel 5, Blood (CSA)			•					
2693B	Metals/Metalloids Acute Poisoning Panel, Blood			•		•			
2693R	Metals/Metalloids Acute Poisoning Panel, RBCs			•		•			
2693SP	Metals/Metalloids Acute Poisoning Panel, Serum/Plasma			•		•			
2661B	Metals/Metalloids Panel 1, Blood			•		•			
2661SP	Metals/Metalloids Panel 1, Serum/Plasma			•		•			
2663B	Metals/Metalloids Panel 3, Blood					•			
2663SP	Metals/Metalloids Panel 3, Serum/Plasma					•			



# Test Updates

## Test Changes

### 1320B Colchicine, Blood

Summary of Changes: Specimen Requirements (Specimen Container) were changed.  
Stability was changed.  
Reference Comment was changed.

Specimen Requirements: 2 mL Blood  
 Transport Temperature: Refrigerated  
 Specimen Container: Gray top tube (Sodium Fluoride / Potassium Oxalate)  
 Light Protection: Not Required  
 Special Handling: None  
 Rejection Criteria: None  
 Stability: Room Temperature: 30 day(s)  
 Refrigerated: 30 day(s)  
 Frozen (-20 °C): 30 day(s)  
 Scope of Analysis: LC-MS/MS (80375): Colchicine  
 Method (CPT Code)

Compound Name	Units	Reference Comment
Colchicine	ng/mL	Following 1 mg p.o.: Peak plasma concentration was 5.5 ng/mL (range 4.0 to 7.6) at 1 hour. The blood to plasma ratio is approximately 1.4.

### 1320SP Colchicine, Serum/Plasma

Summary of Changes: Stability was changed.  
Reference Comment was changed.

Stability: Room Temperature: 1 day(s)  
 Refrigerated: 30 day(s)  
 Frozen (-20 °C): 8 month(s)  
 Scope of Analysis: LC-MS/MS (80375): Colchicine  
 Method (CPT Code)

Compound Name	Units	Reference Comment
Colchicine	ng/mL	Following 1 mg p.o.: Peak plasma concentration was 5.5 ng/mL (range 4.0 to 7.6) at 1 hour.

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

Summary of Changes: Scope of Analysis was changed.  
Order of Reporting was changed.



## Test Updates

### Test Changes

Scope of Analysis: LC-MS/MS (80307): Cyanide  
Method (CPT Code) Colorimetry (80307): Bromides  
Headspace GC (80307): Ethanol, Blood Alcohol Concentration (BAC), Methanol, Isopropanol, Acetone  
ICP/MS (82175): Arsenic, Antimony, Thallium, Lead, Bismuth  
ICP/MS (84255): Selenium  
ICP/MS (83825): Mercury  
GC (83921): Trichloroacetic Acid  
Headspace GC (84600): Volatiles  
GC (84600): Methane, Ethane, Propane, Isobutane, n-Butane  
GC (84600): Halocarbons  
EZA (82480): Cholinesterase  
SP (80307): Carboxyhemoglobin  
SP (83050, 83060): Methemoglobin, Sulfhemoglobin

#### 2413B Inhalants Panel, Solvents and Gases, Blood

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

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Specimen Requirements: 4 mL Blood  
Transport Temperature: Refrigerated  
Specimen Container: Gray top tube (Sodium Fluoride / Potassium Oxalate)  
Light Protection: Not Required  
Special Handling: Collect sample using alcohol free skin preparation. Ensure that container remains tightly sealed.  
Rejection Criteria: None

#### 2411B Inhalants Panel, Solvents, Blood

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

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Specimen Requirements: 2 mL Blood  
Transport Temperature: Refrigerated  
Specimen Container: Gray top tube (Sodium Fluoride / Potassium Oxalate)  
Light Protection: Not Required  
Special Handling: Collect sample using alcohol free skin preparation. Ensure that container remains tightly sealed.  
Rejection Criteria: None

#### 6364R Inorganic Panel 64, RBCs

Summary of Changes: Specimen Requirements were changed.  
Scope of Analysis was changed.  
Order of Reporting was changed.

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## Test Updates

### Test Changes

Specimen Requirements: 4 mL RBCs  
Transport Temperature: Refrigerated  
Specimen Container: Royal Blue top tube (Trace metal-free; EDTA)  
Light Protection: Not Required  
Special Handling: Avoid seafood consumption for 48 hours prior to sample collection. Centrifuge and separate Plasma within two hours of collection. Leave RBCs in the original collection container and replace stopper.  
Submit in container with a non-Heparin based anticoagulant. Tubes containing Heparin based anticoagulants are not acceptable.  
Rejection Criteria: Received Frozen. Plastic container. Light Green top tube (Lithium Heparin). Tan top tube - glass (Sodium Heparin). Royal Blue top tube (Trace metal-free; Sodium Heparin). Gray top tube (Sodium Fluoride / Potassium Oxalate). Green top tube (Sodium Heparin). Lavender top tube (EDTA).  
Scope of Analysis: ICP/MS (83655): Arsenic, Lead  
Method (CPT Code) ICP/MS (82108): Aluminum  
ICP/MS (82300, 83885): Cadmium, Nickel  
ICP/MS (83825): Mercury

#### 2697B Metals Acute Poisoning Panel, Blood (CSA)

Summary of Changes: Specimen Requirements were changed.  
Scope of Analysis was changed.  
Order of Reporting was changed.

Specimen Requirements: 5 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. Collect sample in Glass Container (see Specimen Container).  
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: Plastic container. Plastic tube. Light Green top tube (Lithium Heparin). Tan top tube - glass (Sodium Heparin). Royal Blue top tube (Trace metal-free; Sodium Heparin). Gray top tube (Sodium Fluoride / Potassium Oxalate). Green top tube (Sodium Heparin). Lavender top tube (EDTA).  
Scope of Analysis: ICP/MS (None, 82300): Cadmium, Chromium, Cobalt, Molybdenum, Nickel,  
Method (CPT Code) Selenium  
ICP/MS (82175): Arsenic, Antimony, Bismuth  
ICP/MS (83018): Tellurium  
ICP/OES (84630): Zinc  
ICP/OES (82525): Copper  
ICP/MS (83825): Mercury

#### 10083B Metals Panel 4, Blood (CSA)



## Test Updates

### Test Changes

Summary of Changes: Scope of Analysis was changed.  
Order of Reporting was changed.

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Scope of Analysis: ICP/MS (82175): Arsenic, Lead  
Method (CPT Code) ICP/MS (None, 82300): Cadmium  
H (84202): ZPP  
ICP/MS (83825): Mercury

#### 10084B Metals Panel 5, Blood (CSA)

Summary of Changes: Specimen Requirements were changed.

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Specimen Requirements: 4 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: Plastic container. Light Green top tube (Lithium Heparin). Tan top tube - glass (Sodium Heparin). Royal Blue top tube (Trace metal-free; Sodium Heparin). Gray top tube (Sodium Fluoride / Potassium Oxalate). Green top tube (Sodium Heparin). Lavender top tube (EDTA).

#### 2693B Metals/Metalloids Acute Poisoning Panel, Blood

Summary of Changes: Specimen Requirements were changed.  
Scope of Analysis was changed.  
Order of Reporting was 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. Collect sample in Glass Container (see Specimen Container).  
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: Plastic container. Light Green top tube (Lithium Heparin). Tan top tube - glass (Sodium Heparin). Royal Blue top tube (Trace metal-free; Sodium Heparin). Gray top tube (Sodium Fluoride / Potassium Oxalate). Green top tube (Sodium Heparin). Lavender top tube (EDTA).  
Scope of Analysis: ICP/MS (82175): Arsenic, Bismuth, Lead, Antimony, Thallium  
Method (CPT Code) ICP/MS (83825): Mercury  
ICP/MS (84255): Selenium



## Test Updates

### Test Changes

#### 2693R Metals/Metalloids Acute Poisoning Panel, RBCs

Summary of Changes: Specimen Requirements were changed.  
Scope of Analysis was changed.  
Order of Reporting was changed.

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Specimen Requirements: 3 mL RBCs  
Transport Temperature: Refrigerated  
Specimen Container: Royal Blue top tube (Trace metal-free; EDTA)  
Light Protection: Not Required  
Special Handling: Collect sample in Glass Container (see Specimen Container).  
Avoid seafood consumption for 48 hours prior to sample collection. Centrifuge and separate Plasma within two hours of collection. Leave RBCs in the original collection container and replace stopper.  
Submit in container with a non-Heparin based anticoagulant. Tubes containing Heparin based anticoagulants are not acceptable.  
Rejection Criteria: Received Frozen. Plastic container. Light Green top tube (Lithium Heparin). Tan top tube - glass (Sodium Heparin). Royal Blue top tube (Trace metal-free; Sodium Heparin). Light Blue top tube (Sodium Citrate). Gray top tube (Sodium Fluoride / Potassium Oxalate). Green top tube (Sodium Heparin). Yellow top tube (ACD - Acid Citrate Dextrose). Lavender top tube (EDTA).  
Scope of Analysis: ICP/MS (82175): Arsenic, Antimony, Thallium, Lead, Bismuth  
Method (CPT Code) ICP/MS (83825): Mercury  
ICP/MS (84255): Selenium

#### 2693SP Metals/Metalloids Acute Poisoning Panel, Serum/Plasma

Summary of Changes: Specimen Requirements were changed.  
Scope of Analysis was changed.  
Order of Reporting was changed.

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Specimen Requirements: 4 mL Serum or Plasma  
Transport Temperature: Refrigerated  
Specimen Container: Plastic container (Acid washed or Trace metal-free)  
Light Protection: Not Required  
Special Handling: Collect sample in Glass Container (see Specimen Container).  
Serum: Collect sample in Royal Blue top tube (Trace metal-free; No additive)  
Plasma: Collect sample in Royal Blue top tube (Trace metal-free; EDTA)  
Avoid seafood consumption for 48 hours prior to sample collection. Promptly centrifuge and separate Serum or Plasma into an acid washed plastic screw capped vial using approved guidelines. Acid washed Polypropylene vial is preferred.  
Rejection Criteria: Gray top tube (Sodium Fluoride / Potassium Oxalate). Polymer gel separation tube (SST or PST).  
Scope of Analysis: ICP/MS (82175): Arsenic, Antimony, Thallium, Lead, Bismuth  
Method (CPT Code) ICP/MS (83825): Mercury  
ICP/MS (84255): Selenium



## Test Updates

### Test Changes

#### 2661B Metals/Metalloids Panel 1, Blood

Summary of Changes: Specimen Requirements were changed.  
Scope of Analysis was changed.  
Order of Reporting was changed.

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Specimen Requirements: 2 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.  
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). Tan top tube - glass (Sodium Heparin). Royal Blue top tube (Trace metal-free; Sodium Heparin). Green top tube (Sodium Heparin).  
Scope of Analysis: ICP/MS (82175): Arsenic, Lead  
Method (CPT Code) ICP/MS (83825): Mercury

#### 2661SP Metals/Metalloids Panel 1, Serum/Plasma

Summary of Changes: Specimen Requirements were changed.  
Scope of Analysis was changed.  
Order of Reporting was changed.

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Specimen Requirements: 2 mL Serum or Plasma  
Transport Temperature: Refrigerated  
Specimen Container: Plastic container (Acid washed or Trace metal-free)  
Light Protection: Not Required  
Special Handling: Serum: Collect sample in Royal Blue top tube (Trace metal-free; No additive)  
Plasma: Collect sample in Royal Blue top tube (Trace metal-free; EDTA)  
Avoid seafood consumption for 48 hours prior to sample collection. Promptly centrifuge and separate Serum or Plasma into an acid washed plastic screw capped vial using approved guidelines.  
Rejection Criteria: Polymer gel separation tube (SST or PST).  
Scope of Analysis: ICP/MS (83655): Arsenic, Lead  
Method (CPT Code) ICP/MS (83825): Mercury

#### 2663B Metals/Metalloids Panel 3, Blood

Summary of Changes: Scope of Analysis was changed.  
Order of Reporting was changed.

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### Test Changes

Scope of Analysis: ICP/MS (None, 82300): Cadmium, Chromium  
Method (CPT Code) H (84202): ZPP  
ICP/MS (82175): Arsenic, Lead  
ICP/MS (83825): Mercury

#### **2663SP      Metals/Metalloids Panel 3, Serum/Plasma**

Summary of Changes: Scope of Analysis was changed.  
Order of Reporting was changed.

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Scope of Analysis: ICP/MS (83655): Arsenic, Lead  
Method (CPT Code) ICP/MS (82300, 82495): Cadmium, Chromium  
ICP/MS (83825): Mercury



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## Test Updates

### Discontinued Tests

Test Code	Test Name	Alternative Test
1320U	Colchicine, Urine	1320B - Colchicine, Blood 1320SP - Colchicine, Serum/Plasma