



Effective Date:  
Monday, December 16, 2013

## 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 Monday, December 16, 2013

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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
0921SP	Cadmium, Serum/Plasma				•				
1273SP	Chromium - Total, Serum/Plasma (CSA)			•				•	
1265SP	Chromium and Cobalt, Serum/Plasma			•				•	
1261SP	Chromium, Serum/Plasma			•				•	
1290SP	Cobalt, Serum/Plasma							•	
2150SP	Gallium, Serum/Plasma			•	•				
2570SP	Manganese, Serum/Plasma			•	•				
2693SP	Metals/Metalloids Acute Poisoning Panel, Serum/Plasma							•	
2662SP	Metals/Metalloids Panel 2, Serum/Plasma			•	•			•	
2663SP	Metals/Metalloids Panel 3, Serum/Plasma			•				•	
3066SP	Mineral Profile, Serum/Plasma			•				•	
3090SP	Molybdenum, Serum/Plasma			•	•			•	
3140SP	Nickel, Serum/Plasma			•	•			•	
4110B	Rifampin, Blood		•	•	•	•			
4110SP	Rifampin, Serum/Plasma		•	•	•	•			
4110U	Rifampin, Urine								•
4124SP	Rubidium, Serum/Plasma		•	•	•			•	
4180SP	Selenium, Serum/Plasma			•	•			•	
4200U	Silver, Urine							•	
4478SP	Thorium, Serum/Plasma		•	•	•				
4478U	Thorium, Urine		•	•	•			•	
4755UH	Uranium, 24 Hour Urine				•			•	
4755U	Uranium, Urine				•				
4765SP	Vanadium, Serum/Plasma		•	•	•				
4870SP	Zirconium, Serum/Plasma		•	•	•				



## Test Updates

### Test Changes

#### 0921SP Cadmium, Serum/Plasma

Summary of Changes: Stability was changed.

Stability: Room Temperature: 30 day(s)  
Refrigerated: 30 day(s)  
Frozen (-20 °C): 30 day(s)

#### 1273SP Chromium - Total, Serum/Plasma (CSA)

Summary of Changes: Specimen Requirements (Rejection Criteria) were changed.  
Reference Comment was changed.

Specimen Requirements: 1 mL Serum or Plasma  
Transport Temperature: Refrigerated  
Specimen Container: Plasma: Royal Blue top tube (Trace metal-free; EDTA), Serum: Royal Blue top tube (Trace metal-free; No additive)  
Light Protection: Not Required  
Special Handling: Promptly centrifuge and separate Serum or Plasma into an acid washed plastic screw capped vial using approved guidelines.  
Rejection Criteria: Gray top tube (Sodium Fluoride / Potassium Oxalate). Lavender top tube (EDTA). Polymer gel separation tube (SST or PST). Green top tube (Sodium Heparin).  
Scope of Analysis: ICP/MS (82495): Chromium - Total  
Method (CPT Code)

Compound Name	Units	Reference Comment
Chromium - Total	mcg/L	Normally less than 1.0 mcg/L

#### 1265SP Chromium and Cobalt, Serum/Plasma

Summary of Changes: Specimen Requirements (Rejection Criteria) were changed.  
Reference Comment was changed.

Specimen Requirements: 1 mL Serum or Plasma  
Transport Temperature: Refrigerated  
Specimen Container: Plasma: Royal Blue top tube (Trace metal-free; EDTA), Serum: Royal Blue top tube (Trace metal-free; No additive)  
Light Protection: Not Required  
Special Handling: Promptly centrifuge and separate Serum or Plasma into an acid washed plastic screw capped vial using approved guidelines.  
Rejection Criteria: Gray top tube (Sodium Fluoride / Potassium Oxalate). Lavender top tube (EDTA). Polymer gel separation tube (SST or PST). Green top tube (Sodium Heparin).  
Scope of Analysis: ICP/MS (82495): Chromium, Cobalt  
Method (CPT Code)



## Test Updates

### Test Changes

Compound Name	Units	Reference Comment
Chromium	mcg/L	Normally less than 1.0 mcg/L.
Cobalt	mcg/L	Normally less than 1.0 mcg/L.

#### 1261SP Chromium, Serum/Plasma

Summary of Changes: Specimen Requirements (Rejection Criteria) were changed.  
Reference Comment was changed.

Specimen Requirements: 1 mL Serum or Plasma

Transport Temperature: Refrigerated

Specimen Container: Plasma: Royal Blue top tube (Trace metal-free; EDTA), Serum: Royal Blue top tube (Trace metal-free; No additive)

Light Protection: Not Required

Special Handling: Promptly centrifuge and separate Serum or Plasma into an acid washed plastic screw capped vial using approved guidelines.

Rejection Criteria: Gray top tube (Sodium Fluoride / Potassium Oxalate). Lavender top tube (EDTA). Polymer gel separation tube (SST or PST). Green top tube (Sodium Heparin).

Scope of Analysis: ICP/MS (82495): Chromium  
Method (CPT Code)

Compound Name	Units	Reference Comment
Chromium	mcg/L	Normally less than 1.0 mcg/L.

#### 1290SP Cobalt, Serum/Plasma

Summary of Changes: Reference Comment was changed.

Scope of Analysis: ICP/MS (83018): Cobalt  
Method (CPT Code)

Compound Name	Units	Reference Comment
Cobalt	mcg/L	Normally less than 1.0 mcg/L

#### 2150SP Gallium, Serum/Plasma

Summary of Changes: Specimen Requirements (Rejection Criteria) were changed.  
Stability was changed.



## Test Updates

### Test Changes

Specimen Requirements: 1 mL Serum or Plasma  
 Transport Temperature: Refrigerated  
 Specimen Container: Plasma: Royal Blue top tube, plastic (Trace metal-free; EDTA), Serum: Royal Blue top tube, plastic (Trace metal-free; No additive)  
 Light Protection: Not Required  
 Special Handling: Promptly centrifuge and separate Serum or Plasma into an acid washed plastic screw capped vial using approved guidelines.  
 Rejection Criteria: Glass container. Polymer gel separation tube (SST or PST).  
 Stability: Room Temperature: 30 day(s)  
 Refrigerated: 30 day(s)  
 Frozen (-20 °C): 30 day(s)

#### 2570SP Manganese, Serum/Plasma

Summary of Changes: Specimen Requirements (Rejection Criteria) were changed.  
 Stability was changed.

Specimen Requirements: 1 mL Serum or Plasma  
 Transport Temperature: Refrigerated  
 Specimen Container: Plasma: Royal Blue top tube (Trace metal-free; EDTA), Serum: Royal Blue top tube (Trace metal-free; No additive)  
 Light Protection: Not Required  
 Special Handling: Promptly centrifuge and separate Serum or Plasma into an acid washed plastic screw capped vial using approved guidelines.  
 Rejection Criteria: Gray top tube (Sodium Fluoride / Potassium Oxalate). Polymer gel separation tube (SST or PST). Lavender top tube (EDTA).  
 Stability: Room Temperature: 30 day(s)  
 Refrigerated: 30 day(s)  
 Frozen (-20 °C): 30 day(s)

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

Summary of Changes: Reference Comment was changed.

Scope of Analysis: ICP/MS (82175): Arsenic  
 Method (CPT Code) ICP/MS (83018): Bismuth  
 ICP/MS (83825): Mercury  
 ICP/MS (84255): Selenium  
 ICP/MS (83655): Lead  
 ICP/MS (83018): Antimony  
 ICP/MS (83018): Thallium

Compound Name	Units	Reference Comment
Selenium	mcg/L	Normally: 60 - 160 mcg/L Concentrations are diet dependent.

#### 2662SP Metals/Metalloids Panel 2, Serum/Plasma



## Test Updates

### Test Changes

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

Specimen Requirements: 2 mL Serum or Plasma  
 Transport Temperature: Refrigerated  
 Specimen Container: Plasma: Royal Blue top tube (Trace metal-free; EDTA), Serum: Royal Blue top tube (Trace metal-free; No additive)  
 Light Protection: Not Required  
 Special Handling: Promptly centrifuge and separate Serum or Plasma into an acid washed plastic screw capped vial using approved guidelines.  
 Rejection Criteria: Gray top tube (Sodium Fluoride / Potassium Oxalate). Polymer gel separation tube (SST or PST). Lavender top tube (EDTA).  
 Stability: Room Temperature: 30 day(s)  
 Refrigerated: 30 day(s)  
 Frozen (-20 °C): 30 day(s)  
 Scope of Analysis: ICP/MS (83018): Thallium  
 Method (CPT Code) ICP/MS (83785): Cadmium, Manganese, Nickel

Compound Name	Units	Reference Comment
Nickel	mcg/L	Normally less than 2.0 mcg/L

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

Summary of Changes: Specimen Requirements (Rejection Criteria) were changed.  
Reference Comment was changed.

Specimen Requirements: 4 mL Serum or Plasma  
 Transport Temperature: Refrigerated  
 Specimen Container: Plasma: Royal Blue top tube (Trace metal-free; EDTA), Serum: Royal Blue top tube (Trace metal-free; No additive)  
 Light Protection: Not Required  
 Special Handling: 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: Gray top tube (Sodium Fluoride / Potassium Oxalate). Polymer gel separation tube (SST or PST). Lavender top tube (EDTA). Green top tube (Sodium Heparin).  
 Scope of Analysis: ICP/MS (82175): Arsenic  
 Method (CPT Code) ICP/MS (82495): Cadmium, Chromium  
 ICP/MS (83825): Mercury  
 ICP/MS (83655): Lead

Compound Name	Units	Reference Comment
Chromium	mcg/L	Normally less than 1.0 mcg/L



## Test Updates

### Test Changes

#### 3066SP Mineral Profile, Serum/Plasma

Summary of Changes: Specimen Requirements were changed.  
Specimen Requirements (Rejection Criteria) were changed.  
Reference Comment was changed.

Specimen Requirements: 4 mL Serum or Plasma  
 Transport Temperature: Refrigerated  
 Specimen Container: Plasma: Royal Blue top tube (Trace metal-free; EDTA), Serum: Royal Blue top tube (Trace metal-free; No additive)  
 Light Protection: Not Required  
 Special Handling: For Magnesium testing, please order Magnesium test 2551.  
 Promptly centrifuge and separate Serum or Plasma into an acid washed plastic screw capped vial using approved guidelines.  
 Rejection Criteria: Gray top tube (Sodium Fluoride / Potassium Oxalate). Polymer gel separation tube (SST or PST). Lavender top tube (EDTA). Green top tube (Sodium Heparin).  
 Scope of Analysis: ICP/MS (82495): Chromium, Cobalt, Selenium, Molybdenum, Manganese  
 Method (CPT Code) ICP/OES (84630): Zinc  
 ICP/OES (82525): Copper

Compound Name	Units	Reference Comment
Chromium	mcg/L	Normally less than 1.0 mcg/L
Cobalt	mcg/L	Normally less than 1.0 mcg/L
Selenium	mcg/L	Normally: 60 - 160 mcg/L Concentrations are diet dependent.
Molybdenum	mcg/L	Usually less than 3.0 mcg/L

#### 3090SP Molybdenum, Serum/Plasma

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

Specimen Requirements: 1 mL Serum or Plasma  
 Transport Temperature: Refrigerated  
 Specimen Container: Plasma: Royal Blue top tube (Trace metal-free; EDTA), Serum: Royal Blue top tube (Trace metal-free; No additive)  
 Light Protection: Not Required  
 Special Handling: Promptly centrifuge and separate Serum or Plasma into an acid washed plastic screw capped vial using approved guidelines.  
 Rejection Criteria: Gray top tube (Sodium Fluoride / Potassium Oxalate). Polymer gel separation tube (SST or PST).



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## Test Changes

Stability: Room Temperature: 30 day(s)  
 Refrigerated: 30 day(s)  
 Frozen (-20 °C): 30 day(s)  
 Scope of Analysis: ICP/MS (83018): Molybdenum  
 Method (CPT Code)

Compound Name	Units	Reference Comment
Molybdenum	mcg/L	Usually less than 3.0 mcg/L.

### 3140SP Nickel, Serum/Plasma

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

Specimen Requirements: 1 mL Serum or Plasma  
 Transport Temperature: Refrigerated  
 Specimen Container: Plasma: Royal Blue top tube (Trace metal-free; EDTA), Serum: Royal Blue top tube (Trace metal-free; No additive)  
 Light Protection: Not Required  
 Special Handling: Promptly centrifuge and separate Serum or Plasma into an acid washed plastic screw capped vial using approved guidelines.  
 Rejection Criteria: Gray top tube (Sodium Fluoride / Potassium Oxalate). Polymer gel separation tube (SST or PST). Lavender top tube (EDTA).  
 Stability: Room Temperature: 30 day(s)  
 Refrigerated: 30 day(s)  
 Frozen (-20 °C): 30 day(s)  
 Scope of Analysis: ICP/MS (83885): Nickel  
 Method (CPT Code)

Compound Name	Units	Reference Comment
Nickel	mcg/L	Normally less than 2.0 mcg/L.

### 4110B Rifampin, Blood

Summary of Changes: Specimen Requirements were changed.  
 Specimen Requirements (Transport Temperature) were changed.  
 Specimen Requirements (Specimen Container) were changed.  
 Stability was changed.  
 Scope of Analysis was changed.  
 Rifampin and 25-desacetylrifampin were added.  
 Methods/CPT Codes were changed [LC-MS/MS (83789)]





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### Test Changes

Specimen Requirements: 1 mL Blood  
 Transport Temperature: Refrigerated  
 Specimen Container: Lavender top tube (EDTA)  
 Light Protection: Not Required  
 Special Handling: None  
 Rejection Criteria: Received Room Temperature.  
 Stability: Room Temperature: 1 day(s)  
 Refrigerated: 14 day(s)  
 Frozen (-20 °C): 1 month(s)  
 Scope of Analysis: LC-MS/MS (83789): Rifampin, 25-desacetylriofampin  
 Method (CPT Code)

Compound Name	Units	Reference Comment
Rifampin	mcg/mL	Peak plasma concentrations averaged 16 mcg/mL (range 5 to 27 mcg/mL) following 6 weeks of daily administration of 600 mg oral rifampin. Plasma concentrations 8 hours after intravenous administration of 600 mg rifampin averaged 5.8 +/- 3.3 mcg/mL on day one and 2.6 +/- 1.9 mcg/mL on day seven.
25-desacetylriofampin	mcg/mL	Peak plasma concentrations of 25-desacetylriofampin averaged 2.2 mcg/mL (range 0.6 to 3.9 mcg/mL) following 6 weeks of daily administration of 600 mg oral rifampin. The blood to plasma ratio of 25-desacetylriofampin is not known.

#### 4110SP Rifampin, Serum/Plasma

Summary of Changes: Specimen Requirements (Transport Temperature) were changed.  
 Specimen Requirements (Specimen Container) were changed.  
 Specimen Requirements (Special Handling) were changed.  
 Specimen Requirements (Rejection Criteria) were changed.  
 Stability was changed.  
 Scope of Analysis was changed.  
 25-desacetylriofampin and Rifampin were added.  
 Methods/CPT Codes were changed [LC-MS/MS (83789)]



## Test Updates

### Test Changes

Specimen Requirements: 1 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: Received Room Temperature. Polymer gel separation tube (SST or PST).  
 Stability: Room Temperature: 3 day(s)  
 Refrigerated: 1 month(s)  
 Frozen (-20 °C): 1 month(s)  
 Scope of Analysis: LC-MS/MS (83789): Rifampin, 25-desacetylriofampin  
 Method (CPT Code)

Compound Name	Units	Reference Comment
Rifampin	mcg/mL	Peak plasma concentrations averaged 16 mcg/mL (range 5 to 27 mcg/mL) following 6 weeks of daily administration of 600 mg oral rifampin. Plasma concentrations 8 hours after intravenous administration of 600 mg rifampin averaged 5.8 +/- 3.3 mcg/mL on day one and 2.6 +/- 1.9 mcg/mL on day seven.
25-desacetylriofampin	mcg/mL	Peak plasma concentrations of 25-desacetylriofampin averaged 2.2 mcg/mL (range 0.6 to 3.9 mcg/mL) following 6 weeks of daily administration of 600 mg oral rifampin.

#### 4124SP Rubidium, Serum/Plasma

Summary of Changes: Specimen Requirements were changed.  
 Specimen Requirements (Rejection Criteria) were changed.  
 Stability was changed.  
 Reference Comment was changed.  
 Methods/CPT Codes were changed [ICP/MS (83018)]

Specimen Requirements: 1 mL Serum or Plasma  
 Transport Temperature: Refrigerated  
 Specimen Container: Plasma: Royal Blue top tube (Trace metal-free; EDTA), Serum: Royal Blue top tube (Trace metal-free; No additive)  
 Light Protection: Not Required  
 Special Handling: Promptly centrifuge and separate Serum or Plasma into an acid washed plastic screw capped vial using approved guidelines.  
 Rejection Criteria: Plastic container. Gray top tube (Sodium Fluoride / Potassium Oxalate). Polymer gel separation tube (SST or PST). Lavender top tube (EDTA).



## Test Updates

### Test Changes

Stability: Room Temperature: 30 day(s)  
 Refrigerated: 30 day(s)  
 Frozen (-20 °C): 30 day(s)  
 Scope of Analysis: ICP/MS (83018): Rubidium  
 Method (CPT Code)

Compound Name	Units	Reference Comment
Rubidium	mcg/dL	Normally: 10 - 50 mcg/dL.

#### 4180SP Selenium, Serum/Plasma

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

Specimen Requirements: 1 mL Serum or Plasma  
 Transport Temperature: Refrigerated  
 Specimen Container: Plasma: Royal Blue top tube (Trace metal-free; EDTA), Serum: Royal Blue top tube (Trace metal-free; No additive)  
 Light Protection: Not Required  
 Special Handling: Promptly centrifuge and separate Serum or Plasma into an acid washed plastic screw capped vial using approved guidelines.  
 Rejection Criteria: Gray top tube (Sodium Fluoride / Potassium Oxalate). Polymer gel separation tube (SST or PST).  
 Stability: Room Temperature: 30 day(s)  
 Refrigerated: 30 day(s)  
 Frozen (-20 °C): 30 day(s)  
 Scope of Analysis: ICP/MS (84255): Selenium  
 Method (CPT Code)

Compound Name	Units	Reference Comment
Selenium	mcg/L	Normally: 60 - 160 mcg/L Concentrations are diet dependent.

#### 4200U Silver, Urine

Summary of Changes: Reference Comment was changed.

Scope of Analysis: ICP/MS (83788): Silver  
 Method (CPT Code)

Compound Name	Units	Reference Comment
Silver	mcg/L	Normally: Less than 2 mcg/L.

#### 4478SP Thorium, Serum/Plasma



# Test Updates

## Test Changes

Summary of Changes: Specimen Requirements were changed.  
Stability was changed.  
Methods/CPT Codes were changed [ICP/MS (83018)]

Specimen Requirements: 1 mL Serum or Plasma  
Transport Temperature: Refrigerated  
Specimen Container: Plasma: Royal Blue top tube (Trace metal-free; EDTA), Serum: Royal Blue top tube (Trace metal-free; No additive)  
Light Protection: Not Required  
Special Handling: 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).  
Stability: Room Temperature: 1 month(s)  
Refrigerated: 1 month(s)  
Frozen (-20 °C): 1 month(s)  
Scope of Analysis: ICP/MS (83018): Thorium  
Method (CPT Code)

### 4478U Thorium, Urine

Summary of Changes: Specimen Requirements were changed.  
Specimen Requirements (Special Handling) were changed.  
Stability was changed.  
Reference Comment was changed.  
Methods/CPT Codes were changed [ICP/MS (83018)]

Specimen Requirements: 1 mL Urine  
Transport Temperature: Refrigerated  
Specimen Container: Plastic container (Acid washed or Trace metal-free)  
Light Protection: Not Required  
Special Handling: Add 0.4% nitric acid (0.4 mL of nitric acid per 100 mL of sample).  
Avoid exposure to gadolinium-based contrast media for 48 hours prior to sample collection.  
Rejection Criteria: None  
Stability: Room Temperature: 1 month(s)  
Refrigerated: 1 month(s)  
Frozen (-20 °C): 1 month(s)  
Scope of Analysis: ICP/MS (83018): Thorium  
Method (CPT Code)

Compound Name	Units	Reference Comment
Thorium	mcg/L	Normally: Less than 0.1 mcg/L.

### 4755UH Uranium, 24 Hour Urine



# Test Updates

## Test Changes

Summary of Changes: Stability was changed.  
Reference Comment was changed.  
Uranium [mcg/24 hr] was renamed to Uranium (Urine Volume corrected) [mcg/24 hr]

Stability: Room Temperature: 9 day(s)

Refrigerated: 14 day(s)

Frozen (-20 °C): 30 day(s)

Scope of Analysis: ICP/MS (83018): Urine Volume, Uranium, Uranium (Urine Volume corrected)  
Method (CPT Code)

Compound Name	Units	Reference Comment
Uranium (Urine Volume corrected)	mcg/24 hr	Normal (unexposed population): Less than 0.1 mcg/24 Hours.

### 4755U Uranium, Urine

Summary of Changes: Stability was changed.

Stability: Room Temperature: 9 day(s)

Refrigerated: 14 day(s)

Frozen (-20 °C): 30 day(s)

### 4765SP Vanadium, Serum/Plasma

Summary of Changes: Specimen Requirements (Rejection Criteria) were changed.  
Stability was changed.  
Methods/CPT Codes were changed [ICP/MS (83018)]

Specimen Requirements: 1 mL Serum or Plasma

Transport Temperature: Refrigerated

Specimen Container: Plasma: Royal Blue top tube, plastic (Trace metal-free; EDTA), Serum: Royal Blue top tube, plastic (Trace metal-free; No additive)

Light Protection: Not Required

Special Handling: Promptly centrifuge and separate Serum or Plasma into an acid washed plastic screw capped vial using approved guidelines.

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

Stability: Room Temperature: 30 day(s)

Refrigerated: 30 day(s)

Frozen (-20 °C): 30 day(s)

Scope of Analysis: ICP/MS (83018): Vanadium  
Method (CPT Code)

### 4870SP Zirconium, Serum/Plasma

Summary of Changes: Specimen Requirements were changed.  
Stability was changed.  
Methods/CPT Codes were changed [ICP/MS (83018)]



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Specimen Requirements: 1 mL Serum or Plasma  
Transport Temperature: Refrigerated  
Specimen Container: Plasma: Royal Blue top tube (Trace metal-free; EDTA), Serum: Royal Blue top tube (Trace metal-free; No additive)  
Light Protection: Not Required  
Special Handling: 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).  
Stability: Room Temperature: 1 month(s)  
Refrigerated: 1 month(s)  
Frozen (-20 °C): 1 month(s)  
Scope of Analysis: ICP/MS (83018): Zirconium  
Method (CPT Code)



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## Test Updates

### Discontinued Tests

Test Code	Test Name	Alternative Test
4110U	Rifampin, Urine	4110B - Rifampin, Blood 4110SP - Rifampin, Serum/Plasma