



Effective Date:  
Monday, November 12, 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, November 12, 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.



Effective Date:  
Monday, November 12, 2018

## Test Updates

Test Code	Test Name	Test Name	Method / CPT Code	Specimen Req.	Stability	Scope	Units	Reference Comments	Discontinue
50000B	Acetaminophen Confirmation, Blood			•	•	•		•	
5401B	Acetaminophen Confirmation, Blood			•	•	•		•	
50000FL	Acetaminophen Confirmation, Fluid			•	•				
50000SP	Acetaminophen Confirmation, Serum/Plasma			•	•	•		•	
5401SP	Acetaminophen Confirmation, Serum/Plasma			•	•	•		•	
50000TI	Acetaminophen Confirmation, Tissue			•					
50000U	Acetaminophen Confirmation, Urine			•		•			
5401U	Acetaminophen Confirmation, Urine			•		•			
0030FL	Acetaminophen, Fluid			•	•				
0030B	Acetaminophen, Blood			•	•	•		•	
0030SP	Acetaminophen, Serum/Plasma			•				•	
0030TI	Acetaminophen, Tissue			•					
0030U	Acetaminophen, Urine			•		•			
0050B	Acetazolamide, Blood			•	•	•		•	
0050SP	Acetazolamide, Serum/Plasma			•	•	•		•	
0050U	Acetazolamide, Urine			•		•			
52014B	Caffeine Confirmation, Blood			•		•		•	
5473B	Caffeine Confirmation, Blood								•
52014FL	Caffeine Confirmation, Fluid			•					
52014SP	Caffeine Confirmation, Serum/Plasma			•	•	•		•	
5473SP	Caffeine Confirmation, Serum/Plasma								•
52014TI	Caffeine Confirmation, Tissue			•					
52014U	Caffeine Confirmation, Urine			•		•			
5473U	Caffeine Confirmation, Urine								•
9124B	Caffeine Screen, Blood								•
9124SP	Caffeine Screen, Serum/Plasma								•
9124U	Caffeine Screen, Urine								•
0930B	Caffeine, Blood			•		•		•	
0930FL	Caffeine, Fluid			•					
0930SP	Caffeine, Serum/Plasma			•		•		•	
0930U	Caffeine, Urine			•		•			
1342B	Coricidin®, Blood								•



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## Test Updates

Test Code	Test Name	Test Name	Method / CPT Code	Specimen Req.	Stability	Scope	Units	Reference Comments	Discontinue
1342SP	Coricidin®, Serum/Plasma								•
1342U	Coricidin®, Urine								•
1443B	Darvocet®, Blood								•
1443SP	Darvocet®, Serum/Plasma								•
1443U	Darvocet®, Urine								•
1955U	Esgic®, Urine								•
2075B	Fioricet®, Blood								•
2075SP	Fioricet®, Serum/Plasma								•
2075U	Fioricet®, Urine								•
2863B	Methazolamide, Blood		•	•	•			•	
2863SP	Methazolamide, Serum/Plasma		•		•			•	
2863U	Methazolamide, Urine		•		•				
52236B	Milnacipran/Levomilnacipran Confirmation, Blood	•				•			
52236FL	Milnacipran/Levomilnacipran Confirmation, Fluid	•				•			
52236SP	Milnacipran/Levomilnacipran Confirmation, Serum/Plasma	•				•			
52236TI	Milnacipran/Levomilnacipran Confirmation, Tissue	•				•			
52236U	Milnacipran/Levomilnacipran Confirmation, Urine	•				•			
3061B	Milnacipran/Levomilnacipran, Blood	•				•			
3061SP	Milnacipran/Levomilnacipran, Serum/Plasma	•				•			
3061U	Milnacipran/Levomilnacipran, Urine	•				•			
52098B	Pentoxifylline Confirmation, Blood		•	•	•			•	
52098FL	Pentoxifylline Confirmation, Fluid		•	•					
52098SP	Pentoxifylline Confirmation, Serum/Plasma		•	•	•			•	
52098TI	Pentoxifylline Confirmation, Tissue		•						
52098U	Pentoxifylline Confirmation, Urine		•	•					
3415B	Pentoxifylline, Blood		•	•	•			•	
3415SP	Pentoxifylline, Serum/Plasma		•	•	•			•	
3415U	Pentoxifylline, Urine		•	•					
3435B	Percocet®, Blood								•
3435FL	Percocet®, Fluid								•
3435SP	Percocet®, Serum/Plasma								•



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## Test Updates

Test Code	Test Name	Test Name	Method / CPT Code	Specimen Req.	Stability	Scope	Units	Reference Comments	Discontinue
52100B	Phenacetin and Metabolite Confirmation, Blood			•	•	•		•	
52100FL	Phenacetin and Metabolite Confirmation, Fluid			•	•				
52100SP	Phenacetin and Metabolite Confirmation, Serum/Plasma			•	•	•		•	
52100TI	Phenacetin and Metabolite Confirmation, Tissue			•					
52100U	Phenacetin and Metabolite Confirmation, Urine			•		•		•	
3510B	Phenacetin and Metabolite, Blood			•	•	•		•	
3510U	Phenacetin and Metabolite, Urine			•		•			
52120B	Theobromine Confirmation, Blood			•	•	•		•	
52120FL	Theobromine Confirmation, Fluid			•	•				
52120SP	Theobromine Confirmation, Serum/Plasma			•	•	•		•	
52120TI	Theobromine Confirmation, Tissue			•					
52120U	Theobromine Confirmation, Urine			•					
4380B	Theobromine, Blood			•	•	•		•	
4380SP	Theobromine, Serum/Plasma			•	•	•		•	
4380U	Theobromine, Urine			•					
54121U	Theophylline Confirmation (Qualitative) (DUID/DRE), Urine			•	•	•			
52121B	Theophylline Confirmation, Blood			•	•	•			
52121FL	Theophylline Confirmation, Fluid			•	•				
52121SP	Theophylline Confirmation, Serum/Plasma			•	•	•			
52121TI	Theophylline Confirmation, Tissue			•					
52121U	Theophylline Confirmation, Urine			•	•	•			
4387B	Theophylline, Blood			•	•	•			
4387SP	Theophylline, Serum/Plasma			•	•	•			
4387U	Theophylline, Urine			•	•	•			
4772B	Vicodin®, Blood								•
4772SP	Vicodin®, Serum/Plasma								•



# Test Updates

## Test Changes

### 50000B Acetaminophen Confirmation, Blood

Summary of Changes: Specimen Requirements (Specimen Container) were changed.  
Stability was changed.  
Reference Comment was changed.  
Methods/CPT Codes were changed [LC-MS/MS (80329)]

Specimen Requirements: 1 mL Blood  
Transport Temperature: Refrigerated  
Specimen Container: Lavender top tube (EDTA)  
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 (80329): Acetaminophen  
Method (CPT Code)

Compound Name	Units	Reference Comment
Acetaminophen	mcg/mL	Usual therapeutic range (following one gram): 17-24 mcg/mL. Hepatic damage may occur if concentration is greater than 150 mcg/mL at 4 hours or greater than 37.5 mcg/mL at 12 hours after ingestion. The blood to plasma ratio of acetaminophen is approximately 1.1.

### 5401B Acetaminophen Confirmation, Blood

Summary of Changes: Specimen Requirements (Specimen Container) were changed.  
Stability was changed.  
Reference Comment was changed.  
Methods/CPT Codes were changed [LC-MS/MS (80329)]

Specimen Requirements: 1 mL Blood  
Transport Temperature: Refrigerated  
Specimen Container: Lavender top tube (EDTA)  
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 (80329): Acetaminophen  
Method (CPT Code)



# Test Updates

## Test Changes

Compound Name	Units	Reference Comment
Acetaminophen	mcg/mL	Usual therapeutic range (following one gram): 17-24 mcg/mL. Hepatic damage may occur if concentration is greater than 150 mcg/mL at 4 hours or greater than 37.5 mcg/mL at 12 hours after ingestion. The blood to plasma ratio of acetaminophen is approximately 1.1.

### 50000FL Acetaminophen Confirmation, Fluid

Summary of Changes: Specimen Requirements were changed.  
Methods/CPT Codes were changed [LC-MS/MS (80329)]

Specimen Requirements: 2 mL Fluid  
 Transport Temperature: Refrigerated  
 Specimen Container: Plastic container (preservative-free)  
 Light Protection: Not Required  
 Special Handling: None  
 Rejection Criteria: None  
 Scope of Analysis: LC-MS/MS (80329): Acetaminophen  
 Method (CPT Code)

### 50000SP Acetaminophen Confirmation, Serum/Plasma

Summary of Changes: Specimen Requirements (Special Handling) were changed.  
 Stability was changed.  
 Reference Comment was changed.  
 Methods/CPT Codes were changed [LC-MS/MS (80329)]

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: Polymer gel separation tube (SST or PST).  
 Stability: Room Temperature: 14 day(s)  
 Refrigerated: 30 day(s)  
 Frozen (-20 °C): 3 month(s)  
 Scope of Analysis: LC-MS/MS (80329): Acetaminophen  
 Method (CPT Code)



# Test Updates

## Test Changes

Compound Name	Units	Reference Comment
Acetaminophen	mcg/mL	Usual therapeutic range (following one gram): 17-24 mcg/mL. Hepatic damage may occur if concentration is greater than 150 mcg/mL at 4 hours or greater than 37.5 mcg/mL at 12 hours after ingestion.

### 5401SP Acetaminophen Confirmation, Serum/Plasma

Summary of Changes: Specimen Requirements (Special Handling) were changed.  
Stability was changed.  
Reference Comment was changed.  
Methods/CPT Codes were changed [LC-MS/MS (80329)]

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: Polymer gel separation tube (SST or PST).  
 Stability: Room Temperature: 14 day(s)  
 Refrigerated: 30 day(s)  
 Frozen (-20 °C): 3 month(s)  
 Scope of Analysis: LC-MS/MS (80329): Acetaminophen  
 Method (CPT Code)

Compound Name	Units	Reference Comment
Acetaminophen	mcg/mL	Usual therapeutic range (following one gram): 17-24 mcg/mL. Hepatic damage may occur if concentration is greater than 150 mcg/mL at 4 hours or greater than 37.5 mcg/mL at 12 hours after ingestion.

### 50000TI Acetaminophen Confirmation, Tissue

Summary of Changes: Methods/CPT Codes were changed [LC-MS/MS (80329)]

Scope of Analysis: LC-MS/MS (80329): Acetaminophen  
Method (CPT Code)

### 50000U Acetaminophen Confirmation, Urine

Summary of Changes: Stability was changed.  
Methods/CPT Codes were changed [LC-MS/MS (80329)]



## Test Updates

### Test Changes

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

Scope of Analysis: LC-MS/MS (80329): Acetaminophen  
Method (CPT Code)

#### 5401U Acetaminophen Confirmation, Urine

Summary of Changes: Stability was changed.  
Methods/CPT Codes were changed [LC-MS/MS (80329)]

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

Scope of Analysis: LC-MS/MS (80329): Acetaminophen  
Method (CPT Code)

#### 0030FL Acetaminophen, Fluid

Summary of Changes: Specimen Requirements were changed.  
Methods/CPT Codes were changed [LC-MS/MS (80329)]

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Specimen Requirements: 2 mL Fluid  
Transport Temperature: Refrigerated  
Specimen Container: Plastic container (preservative-free)  
Light Protection: Not Required  
Special Handling: None  
Rejection Criteria: None  
Scope of Analysis: LC-MS/MS (80329): Acetaminophen  
Method (CPT Code)

#### 0030B Acetaminophen, Blood

Summary of Changes: Specimen Requirements (Specimen Container) were changed.  
Stability was changed.  
Reference Comment was changed.  
Methods/CPT Codes were changed [LC-MS/MS (80329)]

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Specimen Requirements: 1 mL Blood  
Transport Temperature: Refrigerated  
Specimen Container: Lavender top tube (EDTA)  
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)





# Test Updates

## Test Changes

Scope of Analysis: LC-MS/MS (80329): Acetaminophen  
Method (CPT Code)

Compound Name	Units	Reference Comment
Acetaminophen	mcg/mL	Usual therapeutic range (following one gram): 17-24 mcg/mL. Hepatic damage may occur if concentration is greater than 150 mcg/mL at 4 hours or greater than 37.5 mcg/mL at 12 hours after ingestion. The blood to plasma ratio of acetaminophen is approximately 1.1.

### 0030SP Acetaminophen, Serum/Plasma

Summary of Changes: Reference Comment was changed.  
Methods/CPT Codes were changed [LC-MS/MS (80329)]

Scope of Analysis: LC-MS/MS (80329): Acetaminophen  
Method (CPT Code)

Compound Name	Units	Reference Comment
Acetaminophen	mcg/mL	Usual therapeutic range (following one gram): 17-24 mcg/mL. Hepatic damage may occur if concentration is greater than 150 mcg/mL at 4 hours or greater than 37.5 mcg/mL at 12 hours after ingestion.

### 0030TI Acetaminophen, Tissue

Summary of Changes: Methods/CPT Codes were changed [LC-MS/MS (80329)]

Scope of Analysis: LC-MS/MS (80329): Acetaminophen  
Method (CPT Code)

### 0030U Acetaminophen, Urine

Summary of Changes: Stability was changed.  
Methods/CPT Codes were changed [LC-MS/MS (80329)]

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

Scope of Analysis: LC-MS/MS (80329): Acetaminophen  
Method (CPT Code)

### 0050B Acetazolamide, Blood

Summary of Changes: Specimen Requirements (Specimen Container) were changed.  
Stability was changed.  
Reference Comment was changed.  
Methods/CPT Codes were changed [LC-MS/MS (80375)]



# Test Updates

## 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: None  
 Stability: Room Temperature: 30 day(s)  
 Refrigerated: 30 day(s)  
 Frozen (-20 °C): 30 day(s)  
 Scope of Analysis: LC-MS/MS (80375): Acetazolamide  
 Method (CPT Code)

Compound Name	Units	Reference Comment
Acetazolamide	mcg/mL	Usual range in glaucoma patients: 5 to 10 mcg/mL plasma. The blood to plasma ratio of acetazolamide is approximately 5 to 15.

### 0050SP Acetazolamide, Serum/Plasma

Summary of Changes: Specimen Requirements (Specimen Container) were changed.  
 Specimen Requirements (Special Handling) were changed.  
 Stability was changed.  
 Reference Comment was changed.  
 Methods/CPT Codes were changed [LC-MS/MS (80375)]

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: 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: LC-MS/MS (80375): Acetazolamide  
 Method (CPT Code)

Compound Name	Units	Reference Comment
Acetazolamide	mcg/mL	Usual range in glaucoma patients: 5 to 10 mcg/mL plasma.

### 0050U Acetazolamide, Urine



# Test Updates

## Test Changes

Summary of Changes: Stability was changed.  
Methods/CPT Codes were changed [LC-MS/MS (80375)]

Stability: Room Temperature: 14 day(s)  
Refrigerated: 30 day(s)  
Frozen (-20 °C): 30 day(s)

Scope of Analysis: LC-MS/MS (80375): Acetazolamide  
Method (CPT Code)

### 52014B Caffeine Confirmation, Blood

Summary of Changes: Stability was changed.  
Reference Comment was changed.  
Methods/CPT Codes were changed [LC-MS/MS (80155)]

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

Scope of Analysis: LC-MS/MS (80155): Caffeine  
Method (CPT Code)

Compound Name	Units	Reference Comment
Caffeine	mcg/mL	Adults: Usual stimulant levels approximately 3 - 15 mcg/mL. Infants: Recommended range during treatment of apnea due to prematurity: 12 to 36 mcg/mL. Toxic: Greater than 50 mcg/mL.

### 52014FL Caffeine Confirmation, Fluid

Summary of Changes: Methods/CPT Codes were changed [LC-MS/MS (80155)]

Scope of Analysis: LC-MS/MS (80155): Caffeine  
Method (CPT Code)

### 52014SP Caffeine Confirmation, Serum/Plasma

Summary of Changes: Specimen Requirements (Special Handling) were changed.  
Stability was changed.  
Reference Comment was changed.  
Methods/CPT Codes were changed [LC-MS/MS (80155)]



## 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: 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: LC-MS/MS (80155): Caffeine  
 Method (CPT Code)

Compound Name	Units	Reference Comment
Caffeine	mcg/mL	Adults: Usual stimulant levels approximately 3 - 15 mcg/mL. Infants: Recommended range during treatment of apnea due to prematurity: 12 to 36 mcg/mL. Toxic: Greater than 50 mcg/mL.

#### 52014TI Caffeine Confirmation, Tissue

Summary of Changes: Methods/CPT Codes were changed [LC-MS/MS (80155)]

Scope of Analysis: LC-MS/MS (80155): Caffeine  
 Method (CPT Code)

#### 52014U Caffeine Confirmation, Urine

Summary of Changes: Stability was changed.  
 Methods/CPT Codes were changed [LC-MS/MS (80155)]

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

Scope of Analysis: LC-MS/MS (80155): Caffeine  
 Method (CPT Code)

#### 0930B Caffeine, Blood

Summary of Changes: Stability was changed.  
 Reference Comment was changed.  
 Methods/CPT Codes were changed [LC-MS/MS (80155)]



# Test Updates

## Test Changes

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

Scope of Analysis: LC-MS/MS (80155): Caffeine  
Method (CPT Code)

Compound Name	Units	Reference Comment
Caffeine	mcg/mL	Adults: Usual stimulant levels approximately 3 - 15 mcg/mL. Infants: Recommended range during treatment of apnea due to prematurity: 12 to 36 mcg/mL. Toxic: Greater than 50 mcg/mL.

### 0930FL Caffeine, Fluid

Summary of Changes: Methods/CPT Codes were changed [LC-MS/MS (80155)]

Scope of Analysis: LC-MS/MS (80155): Caffeine  
Method (CPT Code)

### 0930SP Caffeine, Serum/Plasma

Summary of Changes: Stability was changed.  
Reference Comment was changed.  
Methods/CPT Codes were changed [LC-MS/MS (80155)]

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

Scope of Analysis: LC-MS/MS (80155): Caffeine  
Method (CPT Code)

Compound Name	Units	Reference Comment
Caffeine	mcg/mL	Adults: Usual stimulant levels approximately 3 - 15 mcg/mL. Infants: Recommended range during treatment of apnea due to prematurity: 12 to 36 mcg/mL. Toxic: Greater than 50 mcg/mL.

### 0930U Caffeine, Urine

Summary of Changes: Stability was changed.  
Methods/CPT Codes were changed [LC-MS/MS (80155)]

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

Scope of Analysis: LC-MS/MS (80155): Caffeine  
Method (CPT Code)



# Test Updates

## Test Changes

### 2863B Methazolamide, Blood

Summary of Changes: Specimen Requirements (Specimen Container) were changed.  
Stability was changed.  
Reference Comment was changed.  
Methods/CPT Codes were changed [LC-MS/MS (80375)]

Specimen Requirements: 1 mL Blood  
Transport Temperature: Refrigerated  
Specimen Container: Lavender top tube (EDTA)  
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): Methazolamide  
Method (CPT Code)

Compound Name	Units	Reference Comment
Methazolamide	mcg/mL	Following single oral dose of 1.5 mg/kg, the peak methazolamide blood concentration was approximately 80 mcg/mL. The blood to plasma ratio of methazolamide is approximately 12.4.

### 2863SP Methazolamide, Serum/Plasma

Summary of Changes: Stability was changed.  
Reference Comment was changed.  
Methods/CPT Codes were changed [LC-MS/MS (80375)]

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

Compound Name	Units	Reference Comment
Methazolamide	mcg/mL	Following single oral dose of 1.5 mg/kg, the peak methazolamide blood concentration was approximately 80 mcg/mL.

### 2863U Methazolamide, Urine

Summary of Changes: Stability was changed.  
Methods/CPT Codes were changed [LC-MS/MS (80375)]



# Test Updates

## Test Changes

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

Scope of Analysis: LC-MS/MS (80375): Methazolamide  
Method (CPT Code)

### 52236B Milnacipran/Levomilnacipran Confirmation, Blood

Summary of Changes: Test Name was changed.  
Scope of Analysis was changed.  
Milnacipran/Levomilnacipran was added.  
Milnacipran was removed.

Scope of Analysis: LC-MS/MS (80332): Milnacipran/Levomilnacipran  
Method (CPT Code)

Compound Name	Units	Reference Comment
Milnacipran/Levomilnacipran	ng/mL	In patients with major depressive disorder given 50 or 100 mg of milnacipran twice daily for 28 days, milnacipran concentrations (at 2 hours) ranged from approximately 55 - 100 ng/mL for the 50 mg dose and from approximately 94 - 170 ng/mL for the 100 mg dose. Patients taking 120 mg daily levomilnacipran had peak plasma concentrations of 341 ng/mL. This test is not chiral specific. The ratio of whole blood concentration to serum or plasma concentration is unknown for this analyte.

### 52236FL Milnacipran/Levomilnacipran Confirmation, Fluid

Summary of Changes: Test Name was changed.  
Scope of Analysis was changed.  
Milnacipran/Levomilnacipran was added.  
Milnacipran was removed.

Scope of Analysis: LC-MS/MS (80332): Milnacipran/Levomilnacipran  
Method (CPT Code)

Compound Name	Units	Reference Comment
Milnacipran/Levomilnacipran	ng/mL	

### 52236SP Milnacipran/Levomilnacipran Confirmation, Serum/Plasma

Summary of Changes: Test Name was changed.  
Scope of Analysis was changed.  
Milnacipran/Levomilnacipran was added.  
Milnacipran was removed.

Scope of Analysis: LC-MS/MS (80332): Milnacipran/Levomilnacipran  
Method (CPT Code)



# Test Updates

## Test Changes

Compound Name	Units	Reference Comment
Milnacipran/Levomilnacipran	ng/mL	In patients with major depressive disorder given 50 or 100 mg of milnacipran twice daily for 28 days, milnacipran concentrations (at 2 hours) ranged from approximately 55 - 100 ng/mL for the 50 mg dose and from approximately 94 - 170 ng/mL for the 100 mg dose. Patients taking 120 mg daily levomilnacipran had peak plasma concentrations of 341 ng/mL. This test is not chiral specific.

### 52236TI Milnacipran/Levomilnacipran Confirmation, Tissue

Summary of Changes: Test Name was changed.  
Scope of Analysis was changed.  
Milnacipran/Levomilnacipran was added.  
Milnacipran was removed.

Scope of Analysis: LC-MS/MS (80332): Milnacipran/Levomilnacipran  
Method (CPT Code)

Compound Name	Units	Reference Comment
Milnacipran/Levomilnacipran	ng/g	

### 52236U Milnacipran/Levomilnacipran Confirmation, Urine

Summary of Changes: Test Name was changed.  
Scope of Analysis was changed.  
Milnacipran/Levomilnacipran was added.  
Milnacipran was removed.

Scope of Analysis: LC-MS/MS (80332): Milnacipran/Levomilnacipran  
Method (CPT Code)

Compound Name	Units	Reference Comment
Milnacipran/Levomilnacipran	ng/mL	

### 3061B Milnacipran/Levomilnacipran, Blood

Summary of Changes: Test Name was changed.  
Scope of Analysis was changed.  
Milnacipran/Levomilnacipran was added.  
Milnacipran was removed.

Scope of Analysis: LC-MS/MS (80332): Milnacipran/Levomilnacipran  
Method (CPT Code)





## Test Updates

### Test Changes

Compound Name	Units	Reference Comment
Milnacipran/Levomilnacipran	ng/mL	In patients with major depressive disorder given 50 or 100 mg of milnacipran twice daily for 28 days, milnacipran concentrations (at 2 hours) ranged from approximately 55 - 100 ng/mL for the 50 mg dose and from approximately 94 - 170 ng/mL for the 100 mg dose. Patients taking 120 mg daily levomilnacipran had peak plasma concentrations of 341 ng/mL. This test is not chiral specific. The ratio of whole blood concentration to serum or plasma concentration is unknown for this analyte.

#### 3061SP Milnacipran/Levomilnacipran, Serum/Plasma

Summary of Changes: Test Name was changed.  
Scope of Analysis was changed.  
Milnacipran/Levomilnacipran was added.  
Milnacipran was removed.

Scope of Analysis: LC-MS/MS (80332): Milnacipran/Levomilnacipran  
Method (CPT Code)

Compound Name	Units	Reference Comment
Milnacipran/Levomilnacipran	ng/mL	In patients with major depressive disorder given 50 or 100 mg of milnacipran twice daily for 28 days, milnacipran concentrations (at 2 hours) ranged from approximately 55 - 100 ng/mL for the 50 mg dose and from approximately 94 - 170 ng/mL for the 100 mg dose. Patients taking 120 mg daily levomilnacipran had peak plasma concentrations of 341 ng/mL. This test is not chiral specific.

#### 3061U Milnacipran/Levomilnacipran, Urine

Summary of Changes: Test Name was changed.  
Scope of Analysis was changed.  
Milnacipran/Levomilnacipran was added.  
Milnacipran was removed.

Scope of Analysis: LC-MS/MS (80332): Milnacipran/Levomilnacipran  
Method (CPT Code)

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

#### 52098B Pentoxifylline Confirmation, Blood



# Test Updates

## Test Changes

Summary of Changes: Specimen Requirements were changed.  
 Specimen Requirements (Specimen Container) were changed.  
 Stability was changed.  
 Reference Comment was changed.  
 Methods/CPT Codes were changed [LC-MS/MS (80375)]

Specimen Requirements: 1 mL Blood  
 Transport Temperature: Refrigerated  
 Specimen Container: Lavender top tube (EDTA)  
 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): Pentoxifylline  
 Method (CPT Code)

Compound Name	Units	Reference Comment
Pentoxifylline	mcg/mL	Following a single oral 400 mg tablet: Normal release peak plasma concentration averaged 1.6 mcg/mL at 0.3 hours post dose. Extended release peak plasma concentration averaged 0.06 mcg/mL at 2.1 hours post dose. The blood to plasma ratio of pentoxifylline is approximately 0.8.

**52098FL Pentoxifylline Confirmation, Fluid**

Summary of Changes: Specimen Requirements were changed.  
 Methods/CPT Codes were changed [LC-MS/MS (80375)]

Specimen Requirements: 2 mL Fluid  
 Transport Temperature: Refrigerated  
 Specimen Container: Plastic container (preservative-free)  
 Light Protection: Not Required  
 Special Handling: None  
 Rejection Criteria: None  
 Scope of Analysis: LC-MS/MS (80375): Pentoxifylline  
 Method (CPT Code)

**52098SP Pentoxifylline Confirmation, Serum/Plasma**



## Test Updates

### Test Changes

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 [LC-MS/MS (80375)]

---

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: Polymer gel separation tube (SST or PST).  
Stability: Room Temperature: 30 day(s)  
Refrigerated: 30 day(s)  
Frozen (-20 °C): 2 month(s)  
Scope of Analysis: LC-MS/MS (80375): Pentoxifylline  
Method (CPT Code)

#### 52098TI Pentoxifylline Confirmation, Tissue

Summary of Changes: Methods/CPT Codes were changed [LC-MS/MS (80375)]

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Scope of Analysis: LC-MS/MS (80375): Pentoxifylline  
Method (CPT Code)

#### 52098U Pentoxifylline Confirmation, Urine

Summary of Changes: Specimen Requirements were changed.  
Methods/CPT Codes were changed [LC-MS/MS (80375)]

---

Specimen Requirements: 1 mL Urine  
Transport Temperature: Refrigerated  
Specimen Container: Plastic container (preservative-free)  
Light Protection: Not Required  
Special Handling: None  
Rejection Criteria: None  
Scope of Analysis: LC-MS/MS (80375): Pentoxifylline  
Method (CPT Code)

#### 3415B Pentoxifylline, Blood



# Test Updates

## Test Changes

Summary of Changes: Specimen Requirements were changed.  
 Specimen Requirements (Specimen Container) were changed.  
 Stability was changed.  
 Reference Comment was changed.  
 Methods/CPT Codes were changed [LC-MS/MS (80375)]

Specimen Requirements: 1 mL Blood  
 Transport Temperature: Refrigerated  
 Specimen Container: Lavender top tube (EDTA)  
 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): Pentoxifylline  
 Method (CPT Code)

Compound Name	Units	Reference Comment
Pentoxifylline	mcg/mL	Following a single oral 400 mg tablet: Normal release peak plasma concentration averaged 1.6 mcg/mL at 0.3 hours post dose. Extended release peak plasma concentration averaged 0.06 mcg/mL at 2.1 hours post dose. The blood to plasma ratio of pentoxifylline is approximately 0.8.

### 3415SP Pentoxifylline, Serum/Plasma

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 [LC-MS/MS (80375)]

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: Polymer gel separation tube (SST or PST).



# Test Updates

## Test Changes

Stability: Room Temperature: 30 day(s)  
Refrigerated: 30 day(s)  
Frozen (-20 °C): 2 month(s)

Scope of Analysis: LC-MS/MS (80375): Pentoxifylline  
Method (CPT Code)

Compound Name	Units	Reference Comment
Pentoxifylline	mcg/mL	Following a single oral 400 mg tablet: Normal release peak plasma concentration averaged 1.6 mcg/mL at 0.3 hours post dose. Extended release peak plasma concentration averaged 0.06 mcg/mL at 2.1 hours post dose.

### 3415U Pentoxifylline, Urine

Summary of Changes: Specimen Requirements were changed.  
Methods/CPT Codes were changed [LC-MS/MS (80375)]

Specimen Requirements: 1 mL Urine  
Transport Temperature: Refrigerated  
Specimen Container: Plastic container (preservative-free)  
Light Protection: Not Required  
Special Handling: None  
Rejection Criteria: None  
Scope of Analysis: LC-MS/MS (80375): Pentoxifylline  
Method (CPT Code)

### 52100B Phenacetin and Metabolite Confirmation, Blood

Summary of Changes: Specimen Requirements (Specimen Container) were changed.  
Stability was changed.  
Reference Comment was changed.  
Methods/CPT Codes were changed [LC-MS/MS (80329)]

Specimen Requirements: 1 mL Blood  
Transport Temperature: Refrigerated  
Specimen Container: Lavender top tube (EDTA)  
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 (80329): Phenacetin, Acetaminophen  
Method (CPT Code)



# Test Updates

## Test Changes

Compound Name	Units	Reference Comment
Phenacetin	mcg/mL	Following a single 650 mg oral dose: Up to 2.2 mcg/mL plasma.
Acetaminophen	mcg/mL	Following a single 650 mg oral dose of Phenacetin: Up to 7.1 mcg Acetaminophen/mL plasma. The blood to plasma ratio of acetaminophen is approximately 1.1.

### 52100FL Phenacetin and Metabolite Confirmation, Fluid

Summary of Changes: Specimen Requirements were changed.  
Methods/CPT Codes were changed [LC-MS/MS (80329)]

Specimen Requirements: 2 mL Fluid  
 Transport Temperature: Refrigerated  
 Specimen Container: Plastic container (preservative-free)  
 Light Protection: Not Required  
 Special Handling: None  
 Rejection Criteria: None  
 Scope of Analysis: LC-MS/MS (80329): Phenacetin, Acetaminophen  
 Method (CPT Code)

### 52100SP Phenacetin and Metabolite Confirmation, Serum/Plasma

Summary of Changes: Specimen Requirements were changed.  
 Specimen Requirements (Specimen Container) were changed.  
 Specimen Requirements (Special Handling) were changed.  
 Stability was changed.  
 Reference Comment was changed.  
 Methods/CPT Codes were changed [LC-MS/MS (80329)]

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: Polymer gel separation tube (SST or PST).  
 Stability: Room Temperature: 14 day(s)  
 Refrigerated: 30 day(s)  
 Frozen (-20 °C): 30 day(s)



# Test Updates

## Test Changes

Scope of Analysis: LC-MS/MS (80329): Phenacetin, Acetaminophen  
Method (CPT Code)

Compound Name	Units	Reference Comment
Phenacetin	mcg/mL	Following a single 650 mg oral dose: Up to 2.2 mcg/mL plasma.
Acetaminophen	mcg/mL	Following a single 650 mg oral dose of Phenacetin: Up to 7.1 mcg Acetaminophen/mL plasma.

### 52100TI Phenacetin and Metabolite Confirmation, Tissue

Summary of Changes: Methods/CPT Codes were changed [LC-MS/MS (80329)]

Scope of Analysis: LC-MS/MS (80329): Phenacetin, Acetaminophen  
Method (CPT Code)

### 52100U Phenacetin and Metabolite Confirmation, Urine

Summary of Changes: Stability was changed.  
Reference Comment was changed.  
Methods/CPT Codes were changed [LC-MS/MS (80329)]

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

Scope of Analysis: LC-MS/MS (80329): Phenacetin, Acetaminophen  
Method (CPT Code)

Compound Name	Units	Reference Comment
Phenacetin	mcg/mL	[Reference comment removed]

### 3510B Phenacetin and Metabolite, Blood

Summary of Changes: Specimen Requirements (Specimen Container) were changed.  
Stability was changed.  
Reference Comment was changed.  
Methods/CPT Codes were changed [LC-MS/MS (80329)]

Specimen Requirements: 1 mL Blood  
Transport Temperature: Refrigerated  
Specimen Container: Lavender top tube (EDTA)  
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)



# Test Updates

## Test Changes

Scope of Analysis: LC-MS/MS (80329): Phenacetin, Acetaminophen  
Method (CPT Code)

Compound Name	Units	Reference Comment
Phenacetin	mcg/mL	Following a single 650 mg oral dose: Up to 2.2 mcg/mL plasma.
Acetaminophen	mcg/mL	Following a single 650 mg oral dose of Phenacetin: Up to 7.1 mcg Acetaminophen/mL plasma. The blood to plasma ratio of acetaminophen is approximately 1.1.

### 3510U Phenacetin and Metabolite, Urine

Summary of Changes: Stability was changed.  
Methods/CPT Codes were changed [LC-MS/MS (80329)]

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

Scope of Analysis: LC-MS/MS (80329): Phenacetin, Acetaminophen  
Method (CPT Code)

### 52120B Theobromine Confirmation, Blood

Summary of Changes: Specimen Requirements (Specimen Container) were changed.  
Stability was changed.  
Reference Comment was changed.  
Methods/CPT Codes were changed [LC-MS/MS (80375)]

Specimen Requirements: 1 mL Blood  
Transport Temperature: Refrigerated  
Specimen Container: Lavender top tube (EDTA)  
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): Theobromine  
Method (CPT Code)

Compound Name	Units	Reference Comment
Theobromine	mcg/mL	Volunteers ingesting a single 370 mg dose of theobromine had peak plasma concentrations of 6.7 mcg/mL at 3 hours and 8.0 mcg/mL at 2 hours following capsules and chocolate, respectively.





# Test Updates

## Test Changes

### 52120FL Theobromine Confirmation, Fluid

Summary of Changes: Specimen Requirements were changed.  
Methods/CPT Codes were changed [LC-MS/MS (80375)]

Specimen Requirements: 2 mL Fluid  
 Transport Temperature: Refrigerated  
 Specimen Container: Plastic container (preservative-free)  
 Light Protection: Not Required  
 Special Handling: None  
 Rejection Criteria: None  
 Scope of Analysis: LC-MS/MS (80375): Theobromine  
 Method (CPT Code)

### 52120SP Theobromine Confirmation, Serum/Plasma

Summary of Changes: Specimen Requirements (Specimen Container) were changed.  
 Specimen Requirements (Special Handling) were changed.  
 Stability was changed.  
 Reference Comment was changed.  
 Methods/CPT Codes were changed [LC-MS/MS (80375)]

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: 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: LC-MS/MS (80375): Theobromine  
 Method (CPT Code)

Compound Name	Units	Reference Comment
Theobromine	mcg/mL	Volunteers ingesting a single 370 mg dose of theobromine had peak plasma concentrations of 6.7 mcg/mL at 3 hours and 8.0 mcg/mL at 2 hours following capsules and chocolate, respectively.

### 52120TI Theobromine Confirmation, Tissue



# Test Updates

## Test Changes

Summary of Changes: Methods/CPT Codes were changed [LC-MS/MS (80375)]

Scope of Analysis: LC-MS/MS (80375): Theobromine  
Method (CPT Code)

### 52120U Theobromine Confirmation, Urine

Summary of Changes: Methods/CPT Codes were changed [LC-MS/MS (80375)]

Scope of Analysis: LC-MS/MS (80375): Theobromine  
Method (CPT Code)

### 4380B Theobromine, Blood

Summary of Changes: Specimen Requirements (Specimen Container) were changed.  
Stability was changed.  
Reference Comment was changed.  
Methods/CPT Codes were changed [LC-MS/MS (80375)]

Specimen Requirements: 1 mL Blood  
Transport Temperature: Refrigerated  
Specimen Container: Lavender top tube (EDTA)  
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): Theobromine  
Method (CPT Code)

Compound Name	Units	Reference Comment
Theobromine	mcg/mL	Volunteers ingesting a single 370 mg dose of theobromine had peak plasma concentrations of 6.7 mcg/mL at 3 hours and 8.0 mcg/mL at 2 hours following capsules and chocolate, respectively.

### 4380SP Theobromine, Serum/Plasma

Summary of Changes: Specimen Requirements (Specimen Container) were changed.  
Specimen Requirements (Special Handling) were changed.  
Stability was changed.  
Reference Comment was changed.  
Methods/CPT Codes were changed [LC-MS/MS (80375)]



# 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: 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: LC-MS/MS (80375): Theobromine  
 Method (CPT Code)

Compound Name	Units	Reference Comment
Theobromine	mcg/mL	Volunteers ingesting a single 370 mg dose of theobromine had peak plasma concentrations of 6.7 mcg/mL at 3 hours and 8.0 mcg/mL at 2 hours following capsules and chocolate, respectively.

### 4380U Theobromine, Urine

Summary of Changes: Methods/CPT Codes were changed [LC-MS/MS (80375)]

Scope of Analysis: LC-MS/MS (80375): Theobromine  
 Method (CPT Code)

### 54121U Theophylline Confirmation (Qualitative) (DUID/DRE), Urine

Summary of Changes: Specimen Requirements (Specimen Container) were changed.  
 Stability was changed.  
 Methods/CPT Codes were changed [LC-MS/MS (80198)]

Specimen Requirements: 1 mL Urine  
 Transport Temperature: Refrigerated  
 Specimen Container: Plastic container (preservative-free)  
 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 (80198): Theophylline  
 Method (CPT Code)



## Test Updates

### Test Changes

#### 52121B Theophylline Confirmation, Blood

Summary of Changes: Specimen Requirements (Specimen Container) were changed.  
Stability was changed.  
Methods/CPT Codes were changed [LC-MS/MS (80198)]

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Specimen Requirements: 1 mL Blood  
Transport Temperature: Refrigerated  
Specimen Container: Lavender top tube (EDTA)  
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 (80198): Theophylline  
Method (CPT Code)

#### 52121FL Theophylline Confirmation, Fluid

Summary of Changes: Specimen Requirements were changed.  
Methods/CPT Codes were changed [LC-MS/MS (80198)]

---

Specimen Requirements: 2 mL Fluid  
Transport Temperature: Refrigerated  
Specimen Container: Plastic container (preservative-free)  
Light Protection: Not Required  
Special Handling: None  
Rejection Criteria: None  
Scope of Analysis: LC-MS/MS (80198): Theophylline  
Method (CPT Code)

#### 52121SP Theophylline Confirmation, Serum/Plasma

Summary of Changes: Specimen Requirements (Specimen Container) were changed.  
Specimen Requirements (Special Handling) were changed.  
Stability was changed.  
Methods/CPT Codes were changed [LC-MS/MS (80198)]

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## 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: 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: LC-MS/MS (80198): Theophylline  
Method (CPT Code)

#### 52121TI Theophylline Confirmation, Tissue

Summary of Changes: Methods/CPT Codes were changed [LC-MS/MS (80198)]

Scope of Analysis: LC-MS/MS (80198): Theophylline  
Method (CPT Code)

#### 52121U Theophylline Confirmation, Urine

Summary of Changes: Specimen Requirements (Specimen Container) were changed.  
Stability was changed.  
Methods/CPT Codes were changed [LC-MS/MS (80198)]

Specimen Requirements: 1 mL Urine  
Transport Temperature: Refrigerated  
Specimen Container: Plastic container (preservative-free)  
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 (80198): Theophylline  
Method (CPT Code)

#### 4387B Theophylline, Blood

Summary of Changes: Specimen Requirements (Specimen Container) were changed.  
Stability was changed.  
Methods/CPT Codes were changed [LC-MS/MS (80198)]



# Test Updates

## 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: None  
 Stability: Room Temperature: 30 day(s)  
 Refrigerated: 30 day(s)  
 Frozen (-20 °C): 30 day(s)  
 Scope of Analysis: LC-MS/MS (80198): Theophylline  
 Method (CPT Code)

### 4387SP Theophylline, Serum/Plasma

Summary of Changes: Specimen Requirements (Specimen Container) were changed.  
 Specimen Requirements (Special Handling) were changed.  
 Stability was changed.  
 Methods/CPT Codes were changed [LC-MS/MS (80198)]

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: 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: LC-MS/MS (80198): Theophylline  
 Method (CPT Code)

### 4387U Theophylline, Urine

Summary of Changes: Specimen Requirements (Specimen Container) were changed.  
 Stability was changed.  
 Methods/CPT Codes were changed [LC-MS/MS (80198)]



Effective Date:  
Monday, November 12, 2018

## Test Updates

### Test Changes

Specimen Requirements: 1 mL Urine  
Transport Temperature: Refrigerated  
Specimen Container: Plastic container (preservative-free)  
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 (80198): Theophylline  
Method (CPT Code)



Effective Date:  
Monday, November 12, 2018

## Test Updates

### Discontinued Tests

Test Code	Test Name	Alternative Test
5473B	Caffeine Confirmation, Blood	No Alternate Tests Available
5473SP	Caffeine Confirmation, Serum/Plasma	No Alternate Tests Available
5473U	Caffeine Confirmation, Urine	No Alternate Tests Available
9124B	Caffeine Screen, Blood	0930B - Caffeine, Blood
9124SP	Caffeine Screen, Serum/Plasma	0930SP - Caffeine, Serum/Plasma
9124U	Caffeine Screen, Urine	0930U - Caffeine, Urine
1342B	Coricidin®, Blood	1190B - Chlorpheniramine, Blood
1342SP	Coricidin®, Serum/Plasma	1190SP - Chlorpheniramine, Serum/Plasma
1342U	Coricidin®, Urine	1190U - Chlorpheniramine, Urine
1443B	Darvocet®, Blood	3990B - Propoxyphene and Metabolite, Blood
1443SP	Darvocet®, Serum/Plasma	3990SP - Propoxyphene and Metabolite, Serum/Plasma
1443U	Darvocet®, Urine	3990U - Propoxyphene and Metabolite, Urine
1955U	Esgic®, Urine	0830U - Butalbital, Urine
2075B	Fioricet®, Blood	0830B - Butalbital, Blood
2075SP	Fioricet®, Serum/Plasma	0830SP - Butalbital, Serum/Plasma
2075U	Fioricet®, Urine	0830U - Butalbital, Urine
3435B	Percocet®, Blood	8667B - Oxycodone and Metabolite - Free (Unconjugated), Blood
3435FL	Percocet®, Fluid	8667FL - Oxycodone and Metabolite - Free (Unconjugated), Fluid
3435SP	Percocet®, Serum/Plasma	8667SP - Oxycodone and Metabolite - Free (Unconjugated), Serum/Plasma
4772B	Vicodin®, Blood	2340B - Hydrocodone - Free (Unconjugated), Blood
4772SP	Vicodin®, Serum/Plasma	2340SP - Hydrocodone - Free (Unconjugated), Serum/Plasma