



Effective Date:  
Monday, July 30, 2012

## New Tests and Test Updates

### Immediate Action

Modified Date: 07/11/2012

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, July 30, 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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## New Tests and Test Updates

Test Code	Test Name	New Test	Test Name	Method / CPT Code	Specimen Req.	Stability	Scope	Units	Reference Comments	Discontinue
0498B	Bactrim®, Blood			•	•	•				
0498SP	Bactrim®, Serum/Plasma			•	•	•				
0498U	Bactrim®, Urine			•	•	•				
1050SP	Chloramphenicol, Serum/Plasma			•	•	•				
2180B	Griseofulvin, Blood									•
2180SP	Griseofulvin, Serum/Plasma			•	•	•				
2527B	Lacosamide, Blood								•	
2527SP	Lacosamide, Serum/Plasma								•	
4185B	Septra®, Blood			•	•	•				
4185SP	Septra®, Serum/Plasma			•	•	•				
4185U	Septra®, Urine			•	•	•				
4704B	Trimethoprim, Blood			•	•	•				
4704FL	Trimethoprim, Fluid									•
4704SP	Trimethoprim, Serum/Plasma			•	•	•				
4704U	Trimethoprim, Urine			•	•	•				



## New Tests and Test Updates

### Test Changes

#### 0498B Bactrim®, Blood

Summary of Changes: Specimen Requirements were changed.  
Specimen Requirements (Specimen Container) were changed.  
Stability was changed.  
Methods/CPT Codes were changed [LC-MS/MS (83789)]

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Specimen Requirements: 4 mL Blood  
Transport Temperature: Refrigerated  
Specimen Container: Lavender top tube (EDTA)  
Light Protection: Not Required  
Special Handling: None  
Rejection Criteria: None  
Stability: Room Temperature: 7 day(s)  
Refrigerated: 7 day(s)  
Frozen (-20 °C): 1 month(s)  
Scope of Analysis: SP (84311): Sulfamethoxazole  
Method (CPT Code) LC-MS/MS (83789): Trimethoprim

#### 0498SP Bactrim®, Serum/Plasma

Summary of Changes: Specimen Requirements were changed.  
Specimen Requirements (Specimen Container) were changed.  
Specimen Requirements (Special Handling) were changed.  
Stability was changed.  
Methods/CPT Codes were changed [LC-MS/MS (83789)]

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Specimen Requirements: 2 mL Serum or Plasma  
Transport Temperature: Refrigerated  
Specimen Container: Lavender top tube (EDTA), 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: 7 day(s)  
Refrigerated: 7 day(s)  
Frozen (-20 °C): 1 month(s)  
Scope of Analysis: SP (84311): Sulfamethoxazole  
Method (CPT Code) LC-MS/MS (83789): Trimethoprim

#### 0498U Bactrim®, Urine



# New Tests and Test Updates

## Test Changes

Summary of Changes: Specimen Requirements (Specimen Container) were changed.  
Stability was changed.  
Methods/CPT Codes were changed [LC-MS/MS (83789)]

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Specimen Requirements: 2 mL Urine  
Transport Temperature: Refrigerated  
Specimen Container: Plastic container (preservative-free)  
Light Protection: Not Required  
Special Handling: None  
Rejection Criteria: None  
Stability: Room Temperature: 7 day(s)  
Refrigerated: 7 day(s)  
Frozen (-20 °C): 1 month(s)  
Scope of Analysis: SP (84311): Sulfamethoxazole  
Method (CPT Code) LC-MS/MS (83789): Trimethoprim

### 1050SP Chloramphenicol, 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 (82415)]

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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: 1 month(s)  
Refrigerated: 1 month(s)  
Frozen (-20 °C): 1 month(s)  
Scope of Analysis: LC-MS/MS (82415): Chloramphenicol  
Method (CPT Code)

### 2180SP Griseofulvin, Serum/Plasma

Summary of Changes: Specimen Requirements were changed.  
Specimen Requirements (Specimen Container) were changed.  
Specimen Requirements (Special Handling) were changed.  
Stability was changed.  
Methods/CPT Codes were changed [LC-MS/MS (83789)]

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# New Tests and 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: 14 day(s)  
 Refrigerated: 1 month(s)  
 Frozen (-20 °C): 1 month(s)  
 Scope of Analysis: LC-MS/MS (83789): Griseofulvin  
 Method (CPT Code)

### 2527B Lacosamide, Blood

Summary of Changes: Reference Comment was changed.

Scope of Analysis: LC-MS/MS (83789): Lacosamide  
Method (CPT Code)

Compound Name	Units	Reference Comment
Lacosamide	mcg/mL	Following a single 200 mg dose administered as a 30-minute infusion, a 60-minute infusion, or orally as a tablet to 24 male subjects, mean maximum plasma lacosamide concentrations were 5.95 +/- 1.49, 5.38 +/- 1.10 and 5.15 +/- 1.4 mcg/mL, respectively. Mean plasma concentrations following maintenance doses: 200 mg/day: 4.99 +/- 2.51 mcg/mL; 400 mg/day: 9.35 +/- 4.22 mcg/mL; 600 mg/day: 12.46 +/- 5.60 mcg/mL. The ratio of whole blood concentration to serum or plasma concentration is unknown for this analyte.

### 2527SP Lacosamide, Serum/Plasma

Summary of Changes: Reference Comment was changed.

Scope of Analysis: LC-MS/MS (83789): Lacosamide  
Method (CPT Code)



# New Tests and Test Updates

## Test Changes

Compound Name	Units	Reference Comment
Lacosamide	mcg/mL	Following a single 200 mg dose administered as a 30-minute infusion, a 60-minute infusion, or orally as a tablet to 24 male subjects, mean maximum plasma lacosamide concentrations were 5.95 +/- 1.49, 5.38 +/- 1.10 and 5.15 +/- 1.4 mcg/mL, respectively. Mean plasma concentrations following maintenance doses: 200 mg/day: 4.99 +/- 2.51 mcg/mL; 400 mg/day: 9.35 +/- 4.22 mcg/mL; 600 mg/day: 12.46 +/- 5.60 mcg/mL.  NMS Labs derived data: 5th - 95th Percentile Data: 1.8 - 13.0 mcg/mL Mean: 5.3 mcg/mL (N = 14900)

### 4185B Septra®, Blood

Summary of Changes: Specimen Requirements were changed.  
Specimen Requirements (Specimen Container) were changed.  
Stability was changed.  
Methods/CPT Codes were changed [LC-MS/MS (83789)]

Specimen Requirements: 4 mL Blood  
Transport Temperature: Refrigerated  
Specimen Container: Lavender top tube (EDTA)  
Light Protection: Not Required  
Special Handling: None  
Rejection Criteria: None  
Stability: Room Temperature: 7 day(s)  
Refrigerated: 7 day(s)  
Frozen (-20 °C): 1 month(s)  
Scope of Analysis: SP (84311): Sulfamethoxazole  
Method (CPT Code) LC-MS/MS (83789): Trimethoprim

### 4185SP Septra®, Serum/Plasma

Summary of Changes: Specimen Requirements were changed.  
Specimen Requirements (Specimen Container) were changed.  
Specimen Requirements (Special Handling) were changed.  
Stability was changed.  
Methods/CPT Codes were changed [LC-MS/MS (83789)]



# New Tests and Test Updates

## Test Changes

Specimen Requirements: 2 mL Serum or Plasma  
Transport Temperature: Refrigerated  
Specimen Container: Lavender top tube (EDTA), 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: 7 day(s)  
Refrigerated: 7 day(s)  
Frozen (-20 °C): 1 month(s)  
Scope of Analysis: SP (84311): Sulfamethoxazole  
Method (CPT Code) LC-MS/MS (83789): Trimethoprim

### 4185U Septra®, Urine

Summary of Changes: Specimen Requirements were changed.  
Specimen Requirements (Specimen Container) were changed.  
Stability was changed.  
Methods/CPT Codes were changed [LC-MS/MS (83789)]

Specimen Requirements: 2 mL Urine  
Transport Temperature: Refrigerated  
Specimen Container: Plastic container (preservative-free)  
Light Protection: Not Required  
Special Handling: None  
Rejection Criteria: None  
Stability: Room Temperature: 7 day(s)  
Refrigerated: 7 day(s)  
Frozen (-20 °C): 1 month(s)  
Scope of Analysis: SP (84311): Sulfamethoxazole  
Method (CPT Code) LC-MS/MS (83789): Trimethoprim

### 4704B Trimethoprim, Blood

Summary of Changes: Specimen Requirements were changed.  
Specimen Requirements (Specimen Container) were changed.  
Stability was changed.  
Methods/CPT Codes were changed [LC-MS/MS (83789)]



# New Tests and 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: 1 month(s)  
Refrigerated: 1 month(s)  
Frozen (-20 °C): 1 month(s)  
Scope of Analysis: LC-MS/MS (83789): Trimethoprim  
Method (CPT Code)

### 4704SP Trimethoprim, Serum/Plasma

Summary of Changes: Specimen Requirements were changed.  
Specimen Requirements (Specimen Container) were changed.  
Specimen Requirements (Special Handling) were changed.  
Stability was changed.  
Methods/CPT Codes were changed [LC-MS/MS (83789)]

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: 1 month(s)  
Refrigerated: 1 month(s)  
Frozen (-20 °C): 1 month(s)  
Scope of Analysis: LC-MS/MS (83789): Trimethoprim  
Method (CPT Code)

### 4704U Trimethoprim, Urine

Summary of Changes: Specimen Requirements were changed.  
Specimen Requirements (Specimen Container) were changed.  
Stability was changed.  
Methods/CPT Codes were changed [LC-MS/MS (83789)]





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### 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: 1 month(s)  
Refrigerated: 1 month(s)  
Frozen (-20 °C): 1 month(s)  
Scope of Analysis: LC-MS/MS (83789): Trimethoprim  
Method (CPT Code)



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## New Tests and Test Updates

### Discontinued Tests

Test Code	Test Name	Alternative Test
2180B	Griseofulvin, Blood	No Alternate Tests Available
4704FL	Trimethoprim, Fluid	No Alternate Tests Available