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.

**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.

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.
## New Tests and Test Updates

**Effective Date:** Monday, July 30, 2012

<table>
<thead>
<tr>
<th>Test Code</th>
<th>Test Name</th>
<th>New Test</th>
<th>Test Name</th>
<th>Method / CPT Code</th>
<th>Specimen Req.</th>
<th>Stability</th>
<th>Scope</th>
<th>Units</th>
<th>Reference Comments</th>
<th>Discontinue</th>
</tr>
</thead>
<tbody>
<tr>
<td>0498B</td>
<td>Bactrim®, Blood</td>
<td></td>
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<tr>
<td>0498SP</td>
<td>Bactrim®, Serum/Plasma</td>
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<tr>
<td>0498U</td>
<td>Bactrim®, Urine</td>
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<tr>
<td>1050SP</td>
<td>Chloramphenicol, Serum/Plasma</td>
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</tr>
<tr>
<td>2180B</td>
<td>Griseofulvin, Blood</td>
<td></td>
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</tr>
<tr>
<td>2527B</td>
<td>Lacosamide, Blood</td>
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</tr>
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<tr>
<td>4185B</td>
<td>Septra®, Blood</td>
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<tr>
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<td>Septra®, Serum/Plasma</td>
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</tr>
<tr>
<td>4704B</td>
<td>Trimethoprim, Blood</td>
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<tr>
<td>4704FL</td>
<td>Trimethoprim, Fluid</td>
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</tr>
</tbody>
</table>
# 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)]

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

## 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)]

<table>
<thead>
<tr>
<th>Specimen Requirements:</th>
<th>2 mL Serum or Plasma</th>
</tr>
</thead>
<tbody>
<tr>
<td>Transport Temperature:</td>
<td>Refrigerated</td>
</tr>
<tr>
<td>Specimen Container:</td>
<td>Lavender top tube (EDTA), Plastic container (preservative-free)</td>
</tr>
<tr>
<td>Light Protection:</td>
<td>Not Required</td>
</tr>
<tr>
<td>Special Handling:</td>
<td>Serum: Collect sample in Red top tube</td>
</tr>
<tr>
<td></td>
<td>Plasma: Collect sample in Lavender top tube (EDTA) or Pink top tube.</td>
</tr>
<tr>
<td></td>
<td>Promptly centrifuge and separate Serum or Plasma into a plastic screw capped vial using approved guidelines.</td>
</tr>
<tr>
<td>Rejection Criteria:</td>
<td>Polymer gel separation tube (SST or PST).</td>
</tr>
<tr>
<td>Stability:</td>
<td>Room Temperature: 7 day(s)</td>
</tr>
<tr>
<td></td>
<td>Refrigerated: 7 day(s)</td>
</tr>
<tr>
<td></td>
<td>Frozen (-20 °C): 1 month(s)</td>
</tr>
<tr>
<td>Scope of Analysis:</td>
<td>SP (84311): Sulfamethoxazole</td>
</tr>
<tr>
<td>Method (CPT Code)</td>
<td>LC-MS/MS (83789): Trimethoprimg</td>
</tr>
</tbody>
</table>

## 0498U  Bactrim®, 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)]

<table>
<thead>
<tr>
<th>Specimen Requirements:</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Transport Temperature:</td>
<td></td>
</tr>
<tr>
<td>Specimen Container:</td>
<td></td>
</tr>
<tr>
<td>Light Protection:</td>
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</tr>
<tr>
<td>Special Handling:</td>
<td></td>
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<tr>
<td>Rejection Criteria:</td>
<td></td>
</tr>
<tr>
<td>Stability:</td>
<td></td>
</tr>
<tr>
<td>Scope of Analysis:</td>
<td></td>
</tr>
<tr>
<td>Method (CPT Code)</td>
<td></td>
</tr>
</tbody>
</table>
Test Changes

Summary of Changes:
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

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)]

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)]
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

2527B Lacosamide, Blood

Summary of Changes: Reference Comment was changed.

<table>
<thead>
<tr>
<th>Compound Name</th>
<th>Units</th>
<th>Reference Comment</th>
</tr>
</thead>
<tbody>
<tr>
<td>Lacosamide</td>
<td>mcg/mL</td>
<td>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.</td>
</tr>
</tbody>
</table>

2527SP Lacosamide, Serum/Plasma

Summary of Changes: Reference Comment was changed.

Scope of Analysis: LC-MS/MS (83789): Lacosamide
### Test Changes

<table>
<thead>
<tr>
<th>Compound Name</th>
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<th>Reference Comment</th>
</tr>
</thead>
<tbody>
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<td>mcg/mL</td>
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</tr>
</tbody>
</table>

### 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 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)]
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)]
## 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

### 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:
- **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

### 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)]
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)
## Discontinued Tests

<table>
<thead>
<tr>
<th>Test Code</th>
<th>Test Name</th>
<th>Alternative Test</th>
</tr>
</thead>
<tbody>
<tr>
<td>2180B</td>
<td>Griseofulvin, Blood</td>
<td>No Alternate Tests Available</td>
</tr>
<tr>
<td>4704FL</td>
<td>Trimethoprim, Fluid</td>
<td>No Alternate Tests Available</td>
</tr>
</tbody>
</table>