



Effective Date:  
Monday, May 06, 2019

## 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, May 06, 2019

---

**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.



Effective Date:  
Monday, May 06, 2019

## Test Updates

Test Code	Test Name	Test Name	Method / CPT Code	Specimen Req.	Stability	Scope	Units	Reference Comments	Discontinue
5903H	Amphetamines Confirmation (Qualitative), Hair					•			
52006SP	Antipyrine Confirmation, Serum/Plasma				•				
0425SP	Antipyrine, Serum/Plasma				•				
4207SP	Canrenone (Spironolactone metabolite), Serum/Plasma				•				
1050SP	Chloramphenicol, Serum/Plasma				•				
1362U	Cumene as Metabolite, Urine								•
1790B	Disulfiram (DEDTC Metabolite), Blood								•
1790SP	Disulfiram (DEDTC Metabolite), Serum/Plasma			•	•				
2180SP	Griseofulvin, Serum/Plasma				•				
2440SP	Isoniazid, Serum/Plasma			•	•				
52496B	Loperamide and Metabolite Confirmation, Blood				•				
2533B	Loperamide and Metabolite, Blood				•				
3050SP	Metronidazole, Serum/Plasma				•				
5587B	Nikethamide Confirmation, Blood								•
9214B	Nikethamide Screen, Blood								•
3325B	Paraquat, Blood			•					
4033SP	Pyrazinamide, Serum/Plasma				•				
4704SP	Trimethoprim, Serum/Plasma				•				



## Test Updates

### Test Changes

#### 5903H Amphetamines Confirmation (Qualitative), Hair

Summary of Changes: Scope of Analysis was changed.  
MDEA was added.

Scope of Analysis: LC-MS/MS (80326, 80359): Amphetamine, Methamphetamine, MDA, MDMA, MDEA  
Method (CPT Code) LC-MS/MS (None):

Compound Name	Units	Reference Comment
MDEA	ng/g	

#### 52006SP Antipyrine Confirmation, Serum/Plasma

Summary of Changes: Stability was changed.

Stability: Room Temperature: 1 month(s)  
Refrigerated: 1 month(s)  
Frozen (-20 °C): 1 month(s)  
Frozen (-70 °C): 30 month(s)

#### 0425SP Antipyrine, Serum/Plasma

Summary of Changes: Stability was changed.

Stability: Room Temperature: 1 month(s)  
Refrigerated: 1 month(s)  
Frozen (-20 °C): 1 month(s)  
Frozen (-70 °C): 30 month(s)

#### 4207SP Canrenone (Spironolactone metabolite), Serum/Plasma

Summary of Changes: Stability was changed.

Stability: Room Temperature: 2 day(s)  
Refrigerated: 1 month(s)  
Frozen (-20 °C): 24 month(s)

#### 1050SP Chloramphenicol, Serum/Plasma

Summary of Changes: Stability was changed.

Stability: Room Temperature: 1 month(s)  
Refrigerated: 1 month(s)  
Frozen (-20 °C): 24 month(s)

#### 1790SP Disulfiram (DEDTC Metabolite), Serum/Plasma

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



## Test Updates

### Test Changes

Specimen Requirements: 7 mL Serum or Plasma  
Transport Temperature: Frozen  
Specimen Container: Plastic container (preservative-free)  
Light Protection: Not Required  
Special Handling: Promptly centrifuge and separate Serum or Plasma into a plastic screw capped vial using approved guidelines. Freeze at -70 C upon collection and ship on dry ice. Ship overnight Monday through Thursday, to arrive at NMS Labs the following day.  
Rejection Criteria: Glass container. Polymer gel separation tube (SST or PST).  
Stability: Room Temperature: Undetermined  
Refrigerated: Undetermined  
Frozen (-20 °C): Not Stable  
Frozen (-70 °C): 14 day(s)

Disulfiram is rapidly and completely reduced to diethyldithiocarbamate (DEDTC) in blood within 4 minutes of addition to human blood or plasma. DEDTC, an excellent chelator of numerous metal ions, has an in vitro half-life of approximately 70 minutes in either human blood or plasma at room temperature, but nonenzymatically degraded (especially in an acid medium) to carbon disulfide and diethylamine.

It is required that specimens be frozen at -70°C immediately after being drawn and kept frozen. If the specimens are not kept frozen, this may cause lower or negative result values.

#### 2180SP Griseofulvin, Serum/Plasma

Summary of Changes: Stability was changed.

---

Stability: Room Temperature: 14 day(s)  
Refrigerated: 1 month(s)  
Frozen (-20 °C): 24 month(s)

#### 2440SP Isoniazid, Serum/Plasma

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

---

Specimen Requirements: 1 mL Serum or Plasma  
Transport Temperature: Frozen  
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. Freeze at -70 C upon collection and ship on dry ice. Ship overnight Monday through Thursday, to arrive at NMS Labs the following day.  
Rejection Criteria: Received Room Temperature. Received Refrigerated. Polymer gel separation tube (SST or PST).



## Test Updates

### Test Changes

Stability: Room Temperature: 1 day(s)  
Refrigerated: 1 day(s)  
Frozen (-20 °C): 1 day(s)  
Frozen (-70 °C): 30 month(s)

#### 52496B Loperamide and Metabolite Confirmation, Blood

Summary of Changes: Stability was changed.

Stability: Room Temperature: 14 day(s)  
Refrigerated: 30 day(s)  
Frozen (-20 °C): 24 month(s)

#### 2533B Loperamide and Metabolite, Blood

Summary of Changes: Stability was changed.

Stability: Room Temperature: 14 day(s)  
Refrigerated: 30 day(s)  
Frozen (-20 °C): 24 month(s)

#### 3050SP Metronidazole, Serum/Plasma

Summary of Changes: Stability was changed.

Stability: Room Temperature: 1 month(s)  
Refrigerated: 1 month(s)  
Frozen (-20 °C): 1 month(s)  
Frozen (-70 °C): 30 month(s)

#### 3325B Paraquat, Blood

Summary of Changes: Specimen Requirements were changed.

Specimen Requirements: 3 mL Blood  
Transport Temperature: Refrigerated  
Specimen Container: Gray top tube (Sodium Fluoride / Potassium Oxalate), Plastic container  
Light Protection: Not Required  
Special Handling: None  
Rejection Criteria: Glass container.

#### 4033SP Pyrazinamide, Serum/Plasma

Summary of Changes: Stability was changed.

Stability: Room Temperature: 15 day(s)  
Refrigerated: 1 month(s)  
Frozen (-20 °C): 1 month(s)  
Frozen (-70 °C): 30 month(s)



Effective Date:  
Monday, May 06, 2019

## Test Updates

### Test Changes

**4704SP Trimethoprim, Serum/Plasma**

Summary of Changes: Stability was changed.

---

Stability: Room Temperature: 1 month(s)  
Refrigerated: 1 month(s)  
Frozen (-20 °C): 24 month(s)



Effective Date:  
Monday, May 06, 2019

## Test Updates

### Discontinued Tests

Test Code	Test Name	Alternative Test
1362U	Cumene as Metabolite, Urine	No Alternate Tests Available
1790B	Disulfiram (DEDTC Metabolite), Blood	1790SP - Disulfiram (DEDTC Metabolite), Serum/Plasma
5587B	Nikethamide Confirmation, Blood	No Alternate Tests Available
9214B	Nikethamide Screen, Blood	No Alternate Tests Available