



Effective Date:  
Monday, June 05, 2023

## 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, June 05, 2023

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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	Test Name	Test Name	Method / CPT Code	Specimen Req.	Stability	Scope	Units	Reference Comments	Discontinue
0205FL	Acetyl Fentanyl, Fluid			•					
52002FL	Amantadine Confirmation, Fluid			•					
0265FL	Amantadine, Fluid			•					
52168FL	Amitriptyline and Metabolite Confirmation, Fluid			•					
0310FL	Amitriptyline and Metabolite, Fluid			•					
52239FL	Amoxapine Confirmation, Fluid			•					
4655FL	Antidepressants Panel 1, Fluid			•					
52006U	Antipyrine Confirmation, Urine			•					
0450B	Aprobarbital, Blood			•					
52007B	Atomoxetine Confirmation, Blood			•					
52007FL	Atomoxetine Confirmation, Fluid			•					
0486B	Atomoxetine, Blood			•					
50011FL	Barbiturates Confirmation, Fluid			•					
0519FL	Barium, Fluid			•					
52235FL	Bath Salts Confirmation, Fluid			•					
0560B	Benzocaine, Blood			•					
0560FL	Benzocaine, Fluid			•					
0560P	Benzocaine, Plasma			•					
0560U	Benzocaine, Urine			•					
52245FL	Brompheniramine Confirmation, Fluid			•					
0939B	Calcium - Total, Postmortem, Blood (Forensic)		•						
0938FL	Calcium - Total, Postmortem, Fluid (Forensic)			•					
0938R	Calcium - Total, RBCs		•						
0938U	Calcium - Total, Urine		•						
52253FL	Carbinoxamine Confirmation, Fluid			•					
52272FL	Chlorpromazine Confirmation, Fluid			•					
1210FL	Chlorpromazine, Fluid			•					
52274FL	Clomipramine and Metabolite Confirmation, Fluid			•					
1330FL	Copper, Fluid			•					
52024FL	Cyclizine Confirmation, Fluid			•					
52026FL	Cyproheptadine Confirmation, Fluid			•					
1439B	Dantrolene, Blood			•					



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Test	Test Name	Test Name	Method / CPT Code	Specimen Req.	Stability	Scope	Units	Reference Comments	Discontinue
52028FL	Dicyclomine Confirmation, Fluid			•					
1589U	Diethylene Glycol, Urine			•					
52033B	Disopyramide Confirmation, Blood			•					
52033FL	Disopyramide Confirmation, Fluid			•					
52035FL	Dothiepin Confirmation, Fluid			•					
52035SP	Dothiepin Confirmation, Serum/Plasma			•					
52278FL	Doxepin and Metabolite Confirmation, Fluid			•					
1810FL	Doxepin and Metabolite, Fluid			•					
52285FL	Doxylamine Confirmation, Fluid			•					
1817FL	Doxylamine, Fluid			•					
1970U	Ethchlorvynol Overdose, Urine			•					
52039FL	Ethinamate Confirmation, Fluid			•					
52040FL	Ethosuximide Confirmation, Fluid			•					
52041FL	Ethotoin Confirmation, Fluid			•					
2062FL	Ethylene Glycol, Fluid			•					
2062U	Ethylene Glycol, Urine			•					
52042FL	Ethylmorphine Confirmation, Fluid			•					
2063FL	Etomidate, Fluid			•					
2110B	Fluphenazine, Blood							•	
2115SP	Fluphenazine, Serum/Plasma							•	
1860B	GC/MS Drug Screen (Acid/Neutral), Blood			•					
2143FL	Gabapentin, Fluid			•					
2156B	Germanium, Blood								•
2158B	Glipizide, Blood			•					
2165FL	Glycols Panel, Fluid			•					
2165LI	Glycols Panel, Liquid			•					
2165U	Glycols Panel, Urine			•					
2220FL	Haloperidol, Fluid			•					
2220U	Haloperidol, Urine			•					
52054B	Hexobarbital Confirmation, Blood			•					
52054FL	Hexobarbital Confirmation, Fluid			•					
52090FL	Ibuprofen / Naproxen Confirmation, Fluid			•					



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Test	Test Name	Test Name	Method / CPT Code	Specimen Req.	Stability	Scope	Units	Reference Comments	Discontinue
52276FL	Imipramine and Metabolite Confirmation, Fluid			•					
52062FL	Lidocaine and Metabolite (MEGX) Confirmation, Fluid			•					
2512FL	Lidocaine and Metabolite (MEGX), Fluid			•					
52064FL	Loxapine Confirmation, Fluid			•					
2551FL	Magnesium - Total, Fluid			•					
2570FL	Manganese, Fluid			•					
2570LI	Manganese, Liquid			•					
52068FL	Meperidine and Metabolite Confirmation, Fluid			•					
52071FL	Mepivacaine Confirmation, Fluid			•					
52072FL	Mescaline Confirmation, Fluid			•					
2693FL	Metals/Metalloids Acute Poisoning Panel, Fluid			•					
52074FL	Metharbital and Metabolite Confirmation, Fluid			•					
52078FL	Methsuximide as Metabolite Confirmation, Fluid			•					
52083FL	Mexiletine Confirmation, Fluid			•					
52303FL	Mirtazapine Confirmation, Fluid			•					
3140FL	Nickel, Fluid			•					
3220FL	Nortriptyline, Fluid			•					
52091FL	Olanzapine Confirmation, Fluid			•					
52094FL	Oxybutynin Confirmation, Fluid			•					
52095FL	Papaverine Confirmation, Fluid			•					
52097FL	Pentazocine Confirmation, Fluid			•					
3400FL	Pentazocine, Fluid			•					
3433FL	Perampanel, Fluid			•					
52291FL	Pheniramine Confirmation, Fluid			•					
52102FL	Phensuximide Confirmation, Fluid			•					
52104FL	Phenyltoloxamine Confirmation, Fluid			•					
3765FL	Phosphorus - Total, Fluid			•					
3784FL	Potassium - Total, Fluid			•					
52109FL	Propofol Confirmation, Fluid			•					
4003U	Propylene Glycol, Urine			•					
52293FL	Protriptyline Confirmation, Fluid			•					



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Test	Test Name	Test Name	Method / CPT Code	Specimen Req.	Stability	Scope	Units	Reference Comments	Discontinue
52110FL	Pyrimethamine Confirmation, Fluid			•					
4114U	Rivaroxaban, Urine			•					
4180LI	Selenium, Liquid			•					
4127FL	Suboxone® - Free, Fluid			•					
4240FL	Sufentanil, Fluid			•					
4239SP	Sulfide Exposure Biouptake Marker, Serum/Plasma			•					
52118FL	Talbutal Confirmation, Fluid			•					
1611FL	Tetrafluoroethane and Difluoroethane Panel, Fluid			•					
1611U	Tetrafluoroethane and Difluoroethane Panel, Urine			•					
4370LI	Thallium, Liquid			•					
5596B	Thebaine Confirmation (Qualitative), Blood			•					
5596U	Thebaine Confirmation (Qualitative), Urine			•					
9272U	Thebaine Screen, Urine			•					
4376B	Thebaine, Blood			•					
5600SP	Thiopental and Metabolite Confirmation (Qualitative), Serum/Plasma			•					
52122FL	Thiopental and Metabolite Confirmation, Fluid			•					
9419SP	Thiopental and Metabolite Screen, Serum/Plasma			•					
52283FL	Thioridazine and Metabolite Confirmation, Fluid			•					
4472B	Thiosulfate, Blood			•					
4472SP	Thiosulfate, Serum/Plasma			•					
52123FL	Thiothixene (Cis Isomer) Confirmation, Fluid			•					
52124FL	Ticlopidine Confirmation, Fluid			•					
52415FL	Trihexyphenidyl Confirmation, Fluid			•					
52130FL	Trimethobenzamide Confirmation, Fluid			•					
52280FL	Trimipramine and Metabolite Confirmation, Fluid			•					
52298FL	Verapamil Confirmation, Fluid			•					
4770FL	Verapamil, Fluid			•					
4791FL	Vortioxetine, Fluid			•					
52135FL	Xylazine Confirmation, Fluid			•					
4844FL	Zinc, Fluid			•					



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4844LI	Zinc, Liquid			•					



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### Test Changes

#### 0205FL Acetyl Fentanyl, Fluid

Summary of Changes: Specimen Requirements were changed.

---

Specimen Requirements: 4 mL Fluid  
Transport Temperature: Refrigerated  
Specimen Container: Plastic container (preservative-free)  
Light Protection: Not Required  
Special Handling: None  
Rejection Criteria: None

#### 52002FL Amantadine Confirmation, Fluid

Summary of Changes: Specimen Requirements were changed.

---

Specimen Requirements: 3 mL Fluid  
Transport Temperature: Refrigerated  
Specimen Container: Plastic container (preservative-free)  
Light Protection: Not Required  
Special Handling: None  
Rejection Criteria: None

#### 0265FL Amantadine, Fluid

Summary of Changes: Specimen Requirements were changed.

---

Specimen Requirements: 3 mL Fluid  
Transport Temperature: Refrigerated  
Specimen Container: Plastic container (preservative-free)  
Light Protection: Not Required  
Special Handling: None  
Rejection Criteria: None

#### 52168FL Amitriptyline and Metabolite Confirmation, Fluid

Summary of Changes: Specimen Requirements were changed.

---



## Test Updates

### Test Changes

Specimen Requirements: 4 mL Fluid  
Transport Temperature: Refrigerated  
Specimen Container: Plastic container (preservative-free)  
Light Protection: Not Required  
Special Handling: None  
Rejection Criteria: None

#### **0310FL Amitriptyline and Metabolite, Fluid**

Summary of Changes: Specimen Requirements were changed.

---

Specimen Requirements: 4 mL Fluid  
Transport Temperature: Refrigerated  
Specimen Container: Plastic container (preservative-free)  
Light Protection: Not Required  
Special Handling: None  
Rejection Criteria: None

#### **52239FL Amoxapine Confirmation, Fluid**

Summary of Changes: Specimen Requirements were changed.

---

Specimen Requirements: 2 mL Fluid  
Transport Temperature: Refrigerated  
Specimen Container: Plastic container (preservative-free)  
Light Protection: Not Required  
Special Handling: None  
Rejection Criteria: None

#### **4655FL Antidepressants Panel 1, Fluid**

Summary of Changes: Specimen Requirements were changed.

---

Specimen Requirements: 4 mL Fluid  
Transport Temperature: Refrigerated  
Specimen Container: Plastic container (preservative-free)  
Light Protection: Not Required  
Special Handling: None  
Rejection Criteria: None

#### **52006U Antipyrine Confirmation, Urine**





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## Test Updates

### Test Changes

Summary of Changes: Specimen Requirements were changed.

---

Specimen Requirements: 4 mL Urine  
Transport Temperature: Refrigerated  
Specimen Container: Plastic container (preservative-free)  
Light Protection: Not Required  
Special Handling: None  
Rejection Criteria: None

#### 0450B Aprobarbital, Blood

Summary of Changes: Specimen Requirements were changed.

---

Specimen Requirements: 6 mL Blood  
Transport Temperature: Refrigerated  
Specimen Container: NMS Labs has no experimental or literature-based data regarding the choice of specific specimen collection containers for this test.  
Light Protection: Not Required  
Special Handling: None  
Rejection Criteria: None

#### 52007B Atomoxetine Confirmation, Blood

Summary of Changes: Specimen Requirements were changed.

---

Specimen Requirements: 6 mL Blood  
Transport Temperature: Refrigerated  
Specimen Container: Gray top tube (Sodium Fluoride / Potassium Oxalate)  
Light Protection: Not Required  
Special Handling: None  
Rejection Criteria: None

#### 52007FL Atomoxetine Confirmation, Fluid

Summary of Changes: Specimen Requirements were changed.

---



## Test Updates

### Test Changes

Specimen Requirements: 6 mL Fluid  
Transport Temperature: Refrigerated  
Specimen Container: Plastic container (preservative-free)  
Light Protection: Not Required  
Special Handling: None  
Rejection Criteria: None

#### 0486B Atomoxetine, Blood

Summary of Changes: Specimen Requirements were changed.

---

Specimen Requirements: 6 mL Blood  
Transport Temperature: Refrigerated  
Specimen Container: Gray top tube (Sodium Fluoride / Potassium Oxalate)  
Light Protection: Not Required  
Special Handling: None  
Rejection Criteria: None

#### 50011FL Barbiturates Confirmation, Fluid

Summary of Changes: Specimen Requirements were changed.

---

Specimen Requirements: 6 mL Fluid  
Transport Temperature: Refrigerated  
Specimen Container: Plastic container (preservative-free)  
Light Protection: Not Required  
Special Handling: None  
Rejection Criteria: None

#### 0519FL Barium, Fluid

Summary of Changes: Specimen Requirements were changed.

---

Specimen Requirements: 4 mL Fluid  
Transport Temperature: Refrigerated  
Specimen Container: Plastic container (Acid washed or Trace metal-free)  
Light Protection: Not Required  
Special Handling: None  
Rejection Criteria: None

#### 52235FL Bath Salts Confirmation, Fluid



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## Test Updates

### Test Changes

Summary of Changes: Specimen Requirements were changed.

---

Specimen Requirements: 4 mL Fluid  
Transport Temperature: Refrigerated  
Specimen Container: Plastic container (preservative-free)  
Light Protection: Not Required  
Special Handling: None  
Rejection Criteria: None

#### 0560B Benzocaine, Blood

Summary of Changes: Specimen Requirements were changed.

---

Specimen Requirements: 10 mL Blood  
Transport Temperature: Refrigerated  
Specimen Container: Lavender top tube (EDTA)  
Light Protection: Not Required  
Special Handling: Step 1: Prepare esterase inhibitor solution (Neostigmine 2 mg/mL): Weigh 68 mg of Neostigmine Bromide (Sigma Chemical, St. Louis, MO) and transfer to a 25 mL volumetric flask. Dissolve and dilute to volume with deionized water, mix thoroughly. Store in an amber bottle at room temperature and discard nine (9) months after preparation. STEP 2: Prepare collection tubes to 3 mL plasma draw tubes containing Na<sub>2</sub>EDTA anti-coagulant, add 20 microliters of the 2 mg/mL Neostigmine solution without breaking the vacuum. This is accomplished by using a 25 microliter syringe and piercing the rubber top of the container. STEP 3: Collecting samples and storage: Draw blood into the prepared collection tubes, making efforts to draw at least 2.5 mL. Invert tube at least eight (8) times to mix with the EDTA and Neostigmine. Keep refrigerated and freeze if stored for more than one week.  
Rejection Criteria: None

#### 0560FL Benzocaine, Fluid

Summary of Changes: Specimen Requirements were changed.

---

Specimen Requirements: 4 mL Fluid  
Transport Temperature: Refrigerated  
Specimen Container: Plastic container (preservative-free)  
Light Protection: Not Required  
Special Handling: None  
Rejection Criteria: None

#### 0560P Benzocaine, Plasma



## Test Updates

### Test Changes

Summary of Changes: Specimen Requirements were changed.

---

Specimen Requirements: 10 mL Plasma  
Transport Temperature: Refrigerated  
Specimen Container: NMS Labs has no experimental or literature-based data regarding the choice of specific specimen collection containers for this test.  
Light Protection: Not Required  
Special Handling: Step 1: Prepare esterase inhibitor solution (Neostigmine 2 mg/mL): Weigh 68 mg of Neostigmine Bromide (Sigma Chemical, St. Louis, MO) and transfer to a 25 mL volumetric flask. Dissolve and dilute to volume with deionized water, mix thoroughly. Store in an amber bottle at room temperature and discard nine (9) months after preparation. STEP 2: Prepare collection tubes to 3 mL plasma draw tubes containing Na<sub>2</sub>EDTA anti-coagulant, add 20 microliters of the 2 mg/mL Neostigmine solution without breaking the vacuum. This is accomplished by using a 25 microliter syringe and piercing the rubber top of the container. STEP 3: Collecting samples and storage: Draw blood into the prepared collection tubes, making efforts to draw at least 2.5 mL. Invert tube at least eight (8) times to mix with the EDTA and Neostigmine. Immediately centrifuge and carefully transfer, with plastic pipette, the supernatant plasma into a labeled plastic container. Keep refrigerated and freeze if stored for more than one week.  
Rejection Criteria: None

#### 0560U Benzocaine, Urine

Summary of Changes: Specimen Requirements were changed.

---

Specimen Requirements: 6 mL Urine  
Transport Temperature: Refrigerated  
Specimen Container: NMS Labs has no experimental or literature-based data regarding the choice of specific specimen collection containers for this test.  
Light Protection: Not Required  
Special Handling: None  
Rejection Criteria: None

#### 52245FL Brompheniramine Confirmation, Fluid

Summary of Changes: Specimen Requirements were changed.

---

Specimen Requirements: 4 mL Fluid  
Transport Temperature: Refrigerated  
Specimen Container: Plastic container (preservative-free)  
Light Protection: Not Required  
Special Handling: None  
Rejection Criteria: None



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## Test Updates

### Test Changes

#### 0939B Calcium - Total, Postmortem, Blood (Forensic)

Summary of Changes: Methods/CPT Codes were changed [ICP/MS (82310)]

Scope of Analysis: ICP/MS (82310): Calcium  
Method (CPT Code)

#### 0938FL Calcium - Total, Postmortem, Fluid (Forensic)

Summary of Changes: Specimen Requirements were changed.

Specimen Requirements: 4 mL Fluid  
Transport Temperature: Refrigerated  
Specimen Container: Plastic container (Acid washed or Trace metal-free)  
Light Protection: Not Required  
Special Handling: None  
Rejection Criteria: None

#### 0938R Calcium - Total, RBCs

Summary of Changes: Methods/CPT Codes were changed [ICP/MS (82310)]

Scope of Analysis: ICP/MS (82310): Calcium  
Method (CPT Code)

#### 0938U Calcium - Total, Urine

Summary of Changes: Methods/CPT Codes were changed [ICP/MS (82310)]

Scope of Analysis: ICP/MS (82310): Calcium  
Method (CPT Code)

#### 52253FL Carbinoxamine Confirmation, Fluid

Summary of Changes: Specimen Requirements were changed.

Specimen Requirements: 4 mL Fluid  
Transport Temperature: Refrigerated  
Specimen Container: Plastic container (preservative-free)  
Light Protection: Not Required  
Special Handling: None  
Rejection Criteria: None

#### 52272FL Chlorpromazine Confirmation, Fluid



## Test Updates

### Test Changes

Summary of Changes: Specimen Requirements were changed.

---

Specimen Requirements: 4 mL Fluid  
Transport Temperature: Refrigerated  
Specimen Container: Plastic container (preservative-free)  
Light Protection: Not Required  
Special Handling: None  
Rejection Criteria: None

#### 1210FL Chlorpromazine, Fluid

Summary of Changes: Specimen Requirements were changed.

---

Specimen Requirements: 4 mL Fluid  
Transport Temperature: Refrigerated  
Specimen Container: Plastic container (preservative-free)  
Light Protection: Not Required  
Special Handling: None  
Rejection Criteria: None

#### 52274FL Clomipramine and Metabolite Confirmation, Fluid

Summary of Changes: Specimen Requirements were changed.

---

Specimen Requirements: 4 mL Fluid  
Transport Temperature: Refrigerated  
Specimen Container: Plastic container (preservative-free)  
Light Protection: Not Required  
Special Handling: None  
Rejection Criteria: None

#### 1330FL Copper, Fluid

Summary of Changes: Specimen Requirements were changed.

---

Specimen Requirements: 3 mL Fluid  
Transport Temperature: Refrigerated  
Specimen Container: Plastic container (Acid washed or Trace metal-free)  
Light Protection: Not Required  
Special Handling: None  
Rejection Criteria: None



## Test Updates

### Test Changes

#### 52024FL Cyclizine Confirmation, Fluid

Summary of Changes: Specimen Requirements were changed.

---

Specimen Requirements: 5 mL Fluid  
Transport Temperature: Refrigerated  
Specimen Container: NMS Labs has no experimental or literature-based data regarding the choice of specific specimen collection containers for this test.  
Light Protection: Not Required  
Special Handling: None  
Rejection Criteria: None

#### 52026FL Cyproheptadine Confirmation, Fluid

Summary of Changes: Specimen Requirements were changed.

---

Specimen Requirements: 5 mL Fluid  
Transport Temperature: Refrigerated  
Specimen Container: NMS Labs has no experimental or literature-based data regarding the choice of specific specimen collection containers for this test.  
Light Protection: Not Required  
Special Handling: None  
Rejection Criteria: None

#### 1439B Dantrolene, Blood

Summary of Changes: Specimen Requirements were changed.

---

Specimen Requirements: 3 mL Blood  
Transport Temperature: Frozen  
Specimen Container: Lavender top tube (EDTA)  
Light Protection: Yes  
Special Handling: None  
Rejection Criteria: Not received Light Protected.

#### 52028FL Dicyclomine Confirmation, Fluid

Summary of Changes: Specimen Requirements were changed.

---



## Test Updates

### Test Changes

Specimen Requirements: 3 mL Fluid  
Transport Temperature: Refrigerated  
Specimen Container: Plastic container (preservative-free)  
Light Protection: Not Required  
Special Handling: None  
Rejection Criteria: None

#### 5209U Diethylene Glycol, Urine

Summary of Changes: Specimen Requirements were changed.

---

Specimen Requirements: 6 mL Urine  
Transport Temperature: Refrigerated  
Specimen Container: Plastic container (preservative-free)  
Light Protection: Not Required  
Special Handling: None  
Rejection Criteria: None

#### 52033B Disopyramide Confirmation, Blood

Summary of Changes: Specimen Requirements were changed.

---

Specimen Requirements: 4 mL Blood  
Transport Temperature: Refrigerated  
Specimen Container: NMS Labs has no experimental or literature-based data regarding the choice of specific specimen collection containers for this test.  
Light Protection: Not Required  
Special Handling: None  
Rejection Criteria: None

#### 52033FL Disopyramide Confirmation, Fluid

Summary of Changes: Specimen Requirements were changed.

---

Specimen Requirements: 3 mL Fluid  
Transport Temperature: Refrigerated  
Specimen Container: NMS Labs has no experimental or literature-based data regarding the choice of specific specimen collection containers for this test.  
Light Protection: Not Required  
Special Handling: None  
Rejection Criteria: None





## Test Updates

### Test Changes

#### 52035FL Dothiepin Confirmation, Fluid

Summary of Changes: Specimen Requirements were changed.

---

Specimen Requirements: 4 mL Fluid  
Transport Temperature: Refrigerated  
Specimen Container: NMS Labs has no experimental or literature-based data regarding the choice of specific specimen collection containers for this test.  
Light Protection: Not Required  
Special Handling: None  
Rejection Criteria: None

#### 52035SP Dothiepin Confirmation, Serum/Plasma

Summary of Changes: Specimen Requirements were changed.

---

Specimen Requirements: 10 mL Serum or Plasma  
Transport Temperature: Refrigerated  
Specimen Container: NMS Labs has no experimental or literature-based data regarding the choice of specific specimen collection containers for this test.  
Light Protection: Not Required  
Special Handling: Promptly centrifuge and separate Serum or Plasma into a plastic screw capped vial using approved guidelines.  
Rejection Criteria: None

#### 52278FL Doxepin and Metabolite Confirmation, Fluid

Summary of Changes: Specimen Requirements were changed.

---

Specimen Requirements: 4 mL Fluid  
Transport Temperature: Refrigerated  
Specimen Container: Plastic container (preservative-free)  
Light Protection: Not Required  
Special Handling: None  
Rejection Criteria: None

#### 1810FL Doxepin and Metabolite, Fluid

Summary of Changes: Specimen Requirements were changed.

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## Test Updates

### Test Changes

Specimen Requirements: 4 mL Fluid  
Transport Temperature: Refrigerated  
Specimen Container: Plastic container (preservative-free)  
Light Protection: Not Required  
Special Handling: None  
Rejection Criteria: None

#### 52285FL Doxylamine Confirmation, Fluid

Summary of Changes: Specimen Requirements were changed.

---

Specimen Requirements: 4 mL Fluid  
Transport Temperature: Refrigerated  
Specimen Container: Plastic container (preservative-free)  
Light Protection: Not Required  
Special Handling: None  
Rejection Criteria: None

#### 1817FL Doxylamine, Fluid

Summary of Changes: Specimen Requirements were changed.

---

Specimen Requirements: 4 mL Fluid  
Transport Temperature: Refrigerated  
Specimen Container: Plastic container (preservative-free)  
Light Protection: Not Required  
Special Handling: None  
Rejection Criteria: None

#### 1970U Ethchlorvynol Overdose, Urine

Summary of Changes: Specimen Requirements were changed.

---

Specimen Requirements: 10 mL Urine  
Transport Temperature: Refrigerated  
Specimen Container: Plastic container (preservative-free)  
Light Protection: Not Required  
Special Handling: None  
Rejection Criteria: None

#### 52039FL Ethinamate Confirmation, Fluid



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Summary of Changes: Specimen Requirements were changed.

---

Specimen Requirements: 3 mL Fluid  
Transport Temperature: Refrigerated  
Specimen Container: NMS Labs has no experimental or literature-based data regarding the choice of specific specimen collection containers for this test.  
Light Protection: Not Required  
Special Handling: None  
Rejection Criteria: None

#### **52040FL Ethosuximide Confirmation, Fluid**

Summary of Changes: Specimen Requirements were changed.

---

Specimen Requirements: 3 mL Fluid  
Transport Temperature: Refrigerated  
Specimen Container: Plastic container (preservative-free)  
Light Protection: Not Required  
Special Handling: None  
Rejection Criteria: None

#### **52041FL Ethotoin Confirmation, Fluid**

Summary of Changes: Specimen Requirements were changed.

---

Specimen Requirements: 3 mL Fluid  
Transport Temperature: Refrigerated  
Specimen Container: Plastic container (preservative-free)  
Light Protection: Not Required  
Special Handling: None  
Rejection Criteria: None

#### **2062FL Ethylene Glycol, Fluid**

Summary of Changes: Specimen Requirements were changed.

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## Test Updates

### Test Changes

Specimen Requirements: 6 mL Fluid  
Transport Temperature: Refrigerated  
Specimen Container: Plastic container (preservative-free)  
Light Protection: Not Required  
Special Handling: None  
Rejection Criteria: None

#### 2062U Ethylene Glycol, Urine

Summary of Changes: Specimen Requirements were changed.

---

Specimen Requirements: 6 mL Urine  
Transport Temperature: Refrigerated  
Specimen Container: Plastic container (preservative-free)  
Light Protection: Not Required  
Special Handling: None  
Rejection Criteria: None

#### 52042FL Ethylmorphine Confirmation, Fluid

Summary of Changes: Specimen Requirements were changed.

---

Specimen Requirements: 4 mL Fluid  
Transport Temperature: Refrigerated  
Specimen Container: NMS Labs has no experimental or literature-based data regarding the choice of specific specimen collection containers for this test.  
Light Protection: Not Required  
Special Handling: None  
Rejection Criteria: None

#### 2063FL Etomidate, Fluid

Summary of Changes: Specimen Requirements were changed.

---

Specimen Requirements: 3 mL Fluid  
Transport Temperature: Refrigerated  
Specimen Container: Plastic container (preservative-free)  
Light Protection: Not Required  
Special Handling: None  
Rejection Criteria: None



## Test Updates

### Test Changes

#### 2110B Fluphenazine, Blood

Summary of Changes: Reference Comment was changed.

Scope of Analysis: LC-MS/MS (80342): Fluphenazine  
Method (CPT Code)

Analyte Name	Units	Reference Comment
Fluphenazine	ng/mL	Schizophrenic patients maintained with depot injections of fluphenazine decanoate had the following plasma fluphenazine concentrations: 1-3 ng/mL following 12.5 mg per week 4-7 ng/mL following 25 mg per week 5-17 ng/mL following 50 mg per week Healthy subjects given single oral doses of 5 mg fluphenazine had peak plasma concentrations averaging 0.6 ng/mL (SEM +/- 0.1 ng/mL).  The blood to plasma ratio for fluphenazine is approximately 1.

#### 2115SP Fluphenazine, Serum/Plasma

Summary of Changes: Reference Comment was changed.

Scope of Analysis: LC-MS/MS (80342): Fluphenazine  
Method (CPT Code)

Analyte Name	Units	Reference Comment
Fluphenazine	ng/mL	Schizophrenic patients maintained with depot injections of fluphenazine decanoate had the following plasma fluphenazine concentrations: 1-3 ng/mL following 12.5 mg per week 4-7 ng/mL following 25 mg per week 5-17 ng/mL following 50 mg per week Healthy subjects given single oral doses of 5 mg fluphenazine had peak plasma concentrations averaging 0.6 ng/mL (SEM +/- 0.1 ng/mL).

#### 1860B GC/MS Drug Screen (Acid/Neutral), Blood

Summary of Changes: Specimen Requirements were changed.



## Test Updates

### Test Changes

Specimen Requirements: 9 mL Blood  
Transport Temperature: Refrigerated  
Specimen Container: Gray top tube (Sodium Fluoride / Potassium Oxalate), Lavender top tube (EDTA)  
Light Protection: Not Required  
Special Handling: 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: None

#### 2143FL Gabapentin, Fluid

Summary of Changes: Specimen Requirements were changed.

---

Specimen Requirements: 4 mL Fluid  
Transport Temperature: Refrigerated  
Specimen Container: Plastic container (preservative-free)  
Light Protection: Not Required  
Special Handling: None  
Rejection Criteria: None

#### 2158B Glipizide, Blood

Summary of Changes: Specimen Requirements were changed.

---

Specimen Requirements: 3 mL Blood  
Transport Temperature: Refrigerated  
Specimen Container: Lavender top tube (EDTA)  
Light Protection: Not Required  
Special Handling: None  
Rejection Criteria: None

#### 2165FL Glycols Panel, Fluid

Summary of Changes: Specimen Requirements were changed.

---

Specimen Requirements: 6 mL Fluid  
Transport Temperature: Refrigerated  
Specimen Container: Plastic container (preservative-free)  
Light Protection: Not Required  
Special Handling: None  
Rejection Criteria: None



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## Test Updates

### Test Changes

#### **2165LI Glycols Panel, Liquid**

Summary of Changes: Specimen Requirements were changed.

---

Specimen Requirements: 6 mL Liquid  
Transport Temperature: Refrigerated  
Specimen Container: Plastic container (preservative-free)  
Light Protection: Not Required  
Special Handling: None  
Rejection Criteria: None

#### **2165U Glycols Panel, Urine**

Summary of Changes: Specimen Requirements were changed.

---

Specimen Requirements: 6 mL Urine  
Transport Temperature: Refrigerated  
Specimen Container: Plastic container (preservative-free)  
Light Protection: Not Required  
Special Handling: None  
Rejection Criteria: None

#### **2220FL Haloperidol, Fluid**

Summary of Changes: Specimen Requirements were changed.

---

Specimen Requirements: 4 mL Fluid  
Transport Temperature: Refrigerated  
Specimen Container: Plastic container (preservative-free)  
Light Protection: Not Required  
Special Handling: None  
Rejection Criteria: None

#### **2220U Haloperidol, Urine**

Summary of Changes: Specimen Requirements were changed.

---



## Test Updates

### Test Changes

Specimen Requirements: 4 mL Urine  
Transport Temperature: Refrigerated  
Specimen Container: Plastic container (preservative-free)  
Light Protection: Not Required  
Special Handling: None  
Rejection Criteria: None

#### 52054B Hexobarbital Confirmation, Blood

Summary of Changes: Specimen Requirements were changed.

---

Specimen Requirements: 6 mL Blood  
Transport Temperature: Refrigerated  
Specimen Container: Lavender top tube (EDTA)  
Light Protection: Not Required  
Special Handling: None  
Rejection Criteria: None

#### 52054FL Hexobarbital Confirmation, Fluid

Summary of Changes: Specimen Requirements were changed.

---

Specimen Requirements: 3 mL Fluid  
Transport Temperature: Refrigerated  
Specimen Container: Plastic container (preservative-free)  
Light Protection: Not Required  
Special Handling: None  
Rejection Criteria: None

#### 52090FL Ibuprofen / Naproxen Confirmation, Fluid

Summary of Changes: Specimen Requirements were changed.

---

Specimen Requirements: 4 mL Fluid  
Transport Temperature: Refrigerated  
Specimen Container: Plastic container (preservative-free)  
Light Protection: Not Required  
Special Handling: None  
Rejection Criteria: None

#### 52276FL Imipramine and Metabolite Confirmation, Fluid





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## Test Updates

### Test Changes

Summary of Changes: Specimen Requirements were changed.

---

Specimen Requirements: 4 mL Fluid  
Transport Temperature: Refrigerated  
Specimen Container: Plastic container (preservative-free)  
Light Protection: Not Required  
Special Handling: None  
Rejection Criteria: None

#### **52062FL Lidocaine and Metabolite (MEGX) Confirmation, Fluid**

Summary of Changes: Specimen Requirements were changed.

---

Specimen Requirements: 3 mL Fluid  
Transport Temperature: Refrigerated  
Specimen Container: Plastic container (preservative-free)  
Light Protection: Not Required  
Special Handling: None  
Rejection Criteria: None

#### **2512FL Lidocaine and Metabolite (MEGX), Fluid**

Summary of Changes: Specimen Requirements were changed.

---

Specimen Requirements: 3 mL Fluid  
Transport Temperature: Refrigerated  
Specimen Container: Plastic container (preservative-free)  
Light Protection: Not Required  
Special Handling: None  
Rejection Criteria: None

#### **52064FL Loxapine Confirmation, Fluid**

Summary of Changes: Specimen Requirements were changed.

---

Specimen Requirements: 3 mL Fluid  
Transport Temperature: Refrigerated  
Specimen Container: Plastic container (preservative-free)  
Light Protection: Not Required  
Special Handling: None  
Rejection Criteria: None



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## Test Updates

### Test Changes

#### 2551FL Magnesium - Total, Fluid

Summary of Changes: Specimen Requirements were changed.

---

Specimen Requirements: 4 mL Fluid  
Transport Temperature: Refrigerated  
Specimen Container: Plastic container (Acid washed or Trace metal-free)  
Light Protection: Not Required  
Special Handling: None  
Rejection Criteria: None

#### 2570FL Manganese, Fluid

Summary of Changes: Specimen Requirements were changed.

---

Specimen Requirements: 4 mL Fluid  
Transport Temperature: Refrigerated  
Specimen Container: Plastic container (Acid washed or Trace metal-free)  
Light Protection: Not Required  
Special Handling: None  
Rejection Criteria: None

#### 2570LI Manganese, Liquid

Summary of Changes: Specimen Requirements were changed.

---

Specimen Requirements: 4 mL Liquid  
Transport Temperature: Refrigerated  
Specimen Container: Plastic container (Acid washed or Trace metal-free)  
Light Protection: Not Required  
Special Handling: None  
Rejection Criteria: None

#### 52068FL Meperidine and Metabolite Confirmation, Fluid

Summary of Changes: Specimen Requirements were changed.

---



## Test Updates

### Test Changes

Specimen Requirements: 4 mL Fluid  
Transport Temperature: Refrigerated  
Specimen Container: Plastic container (preservative-free)  
Light Protection: Not Required  
Special Handling: None  
Rejection Criteria: None

#### 52071FL Mepivacaine Confirmation, Fluid

Summary of Changes: Specimen Requirements were changed.

---

Specimen Requirements: 4 mL Fluid  
Transport Temperature: Refrigerated  
Specimen Container: NMS Labs has no experimental or literature-based data regarding the choice of specific specimen collection containers for this test.  
Light Protection: Not Required  
Special Handling: None  
Rejection Criteria: None

#### 52072FL Mescaline Confirmation, Fluid

Summary of Changes: Specimen Requirements were changed.

---

Specimen Requirements: 4 mL Fluid  
Transport Temperature: Refrigerated  
Specimen Container: NMS Labs has no experimental or literature-based data regarding the choice of specific specimen collection containers for this test.  
Light Protection: Not Required  
Special Handling: None  
Rejection Criteria: None

#### 2693FL Metals/Metalloids Acute Poisoning Panel, Fluid

Summary of Changes: Specimen Requirements were changed.

---

Specimen Requirements: 12 mL Fluid  
Transport Temperature: Refrigerated  
Specimen Container: Plastic container (Acid washed or Trace metal-free)  
Light Protection: Not Required  
Special Handling: Avoid seafood consumption for 48 hours prior to sample collection.  
Rejection Criteria: None



## Test Updates

### Test Changes

#### 52074FL Metharbital and Metabolite Confirmation, Fluid

Summary of Changes: Specimen Requirements were changed.

---

Specimen Requirements: 3 mL Fluid  
Transport Temperature: Refrigerated  
Specimen Container: Plastic container (preservative-free)  
Light Protection: Not Required  
Special Handling: None  
Rejection Criteria: None

#### 52078FL Methsuximide as Metabolite Confirmation, Fluid

Summary of Changes: Specimen Requirements were changed.

---

Specimen Requirements: 3 mL Fluid  
Transport Temperature: Refrigerated  
Specimen Container: Plastic container (preservative-free)  
Light Protection: Not Required  
Special Handling: None  
Rejection Criteria: None

#### 52083FL Mexiletine Confirmation, Fluid

Summary of Changes: Specimen Requirements were changed.

---

Specimen Requirements: 3 mL Fluid  
Transport Temperature: Refrigerated  
Specimen Container: NMS Labs has no experimental or literature-based data regarding the choice of specific specimen collection containers for this test.  
Light Protection: Not Required  
Special Handling: None  
Rejection Criteria: None

#### 52303FL Mirtazapine Confirmation, Fluid

Summary of Changes: Specimen Requirements were changed.

---



## Test Updates

### Test Changes

Specimen Requirements: 4 mL Fluid  
Transport Temperature: Refrigerated  
Specimen Container: Plastic container (preservative-free)  
Light Protection: Not Required  
Special Handling: None  
Rejection Criteria: None

#### **3140FL Nickel, Fluid**

Summary of Changes: Specimen Requirements were changed.

---

Specimen Requirements: 4 mL Fluid  
Transport Temperature: Refrigerated  
Specimen Container: Plastic container (Acid washed or Trace metal-free)  
Light Protection: Not Required  
Special Handling: None  
Rejection Criteria: None

#### **3220FL Nortriptyline, Fluid**

Summary of Changes: Specimen Requirements were changed.

---

Specimen Requirements: 4 mL Fluid  
Transport Temperature: Refrigerated  
Specimen Container: Plastic container (preservative-free)  
Light Protection: Not Required  
Special Handling: None  
Rejection Criteria: None

#### **52091FL Olanzapine Confirmation, Fluid**

Summary of Changes: Specimen Requirements were changed.

---

Specimen Requirements: 3 mL Fluid  
Transport Temperature: Frozen  
Specimen Container: Plastic container (preservative-free)  
Light Protection: Not Required  
Special Handling: None  
Rejection Criteria: None

#### **52094FL Oxybutynin Confirmation, Fluid**



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## Test Updates

### Test Changes

Summary of Changes: Specimen Requirements were changed.

---

Specimen Requirements: 5 mL Fluid  
Transport Temperature: Refrigerated  
Specimen Container: Plastic container (preservative-free)  
Light Protection: Not Required  
Special Handling: None  
Rejection Criteria: None

#### 52095FL Papaverine Confirmation, Fluid

Summary of Changes: Specimen Requirements were changed.

---

Specimen Requirements: 4 mL Fluid  
Transport Temperature: Refrigerated  
Specimen Container: NMS Labs has no experimental or literature-based data regarding the choice of specific specimen collection containers for this test.  
Light Protection: Not Required  
Special Handling: None  
Rejection Criteria: None

#### 52097FL Pentazocine Confirmation, Fluid

Summary of Changes: Specimen Requirements were changed.

---

Specimen Requirements: 4 mL Fluid  
Transport Temperature: Refrigerated  
Specimen Container: Plastic container (preservative-free)  
Light Protection: Not Required  
Special Handling: None  
Rejection Criteria: None

#### 3400FL Pentazocine, Fluid

Summary of Changes: Specimen Requirements were changed.

---



## Test Updates

### Test Changes

Specimen Requirements: 4 mL Fluid  
Transport Temperature: Refrigerated  
Specimen Container: Plastic container (preservative-free)  
Light Protection: Not Required  
Special Handling: None  
Rejection Criteria: None

#### 3433FL Perampanel, Fluid

Summary of Changes: Specimen Requirements were changed.

---

Specimen Requirements: 3 mL Fluid  
Transport Temperature: Refrigerated  
Specimen Container: Plastic container (preservative-free)  
Light Protection: Not Required  
Special Handling: None  
Rejection Criteria: None

#### 52291FL Pheniramine Confirmation, Fluid

Summary of Changes: Specimen Requirements were changed.

---

Specimen Requirements: 4 mL Fluid  
Transport Temperature: Refrigerated  
Specimen Container: Plastic container (preservative-free)  
Light Protection: Not Required  
Special Handling: None  
Rejection Criteria: None

#### 52102FL Phensuximide Confirmation, Fluid

Summary of Changes: Specimen Requirements were changed.

---

Specimen Requirements: 3 mL Fluid  
Transport Temperature: Refrigerated  
Specimen Container: Plastic container (preservative-free)  
Light Protection: Not Required  
Special Handling: None  
Rejection Criteria: None

#### 52104FL Phenyltoloxamine Confirmation, Fluid



## Test Updates

### Test Changes

Summary of Changes: Specimen Requirements were changed.

---

Specimen Requirements: 4 mL Fluid  
Transport Temperature: Refrigerated  
Specimen Container: Plastic container (preservative-free)  
Light Protection: Not Required  
Special Handling: None  
Rejection Criteria: None

#### **3765FL Phosphorus - Total, Fluid**

Summary of Changes: Specimen Requirements were changed.

---

Specimen Requirements: 4 mL Fluid  
Transport Temperature: Refrigerated  
Specimen Container: Plastic container (Acid washed or Trace metal-free)  
Light Protection: Not Required  
Special Handling: None  
Rejection Criteria: None

#### **3784FL Potassium - Total, Fluid**

Summary of Changes: Specimen Requirements were changed.

---

Specimen Requirements: 4 mL Fluid  
Transport Temperature: Refrigerated  
Specimen Container: Plastic container (Acid washed or Trace metal-free)  
Light Protection: Not Required  
Special Handling: None  
Rejection Criteria: None

#### **52109FL Propofol Confirmation, Fluid**

Summary of Changes: Specimen Requirements were changed.

---





## Test Updates

### Test Changes

Specimen Requirements: 6 mL Fluid  
Transport Temperature: Refrigerated  
Specimen Container: NMS Labs has no experimental or literature-based data regarding the choice of specific specimen collection containers for this test.  
Light Protection: Not Required  
Special Handling: None  
Rejection Criteria: None

#### 4003U Propylene Glycol, Urine

Summary of Changes: Specimen Requirements were changed.

---

Specimen Requirements: 6 mL Urine  
Transport Temperature: Refrigerated  
Specimen Container: Plastic container (preservative-free)  
Light Protection: Not Required  
Special Handling: None  
Rejection Criteria: None

#### 52293FL Protriptyline Confirmation, Fluid

Summary of Changes: Specimen Requirements were changed.

---

Specimen Requirements: 4 mL Fluid  
Transport Temperature: Refrigerated  
Specimen Container: Plastic container (preservative-free)  
Light Protection: Not Required  
Special Handling: None  
Rejection Criteria: None

#### 52110FL Pyrimethamine Confirmation, Fluid

Summary of Changes: Specimen Requirements were changed.

---

Specimen Requirements: 4 mL Fluid  
Transport Temperature: Refrigerated  
Specimen Container: NMS Labs has no experimental or literature-based data regarding the choice of specific specimen collection containers for this test.  
Light Protection: Not Required  
Special Handling: None  
Rejection Criteria: None



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## Test Updates

### Test Changes

#### 4114U Rivaroxaban, Urine

Summary of Changes: Specimen Requirements were changed.

---

Specimen Requirements: 6 mL Urine  
Transport Temperature: Refrigerated  
Specimen Container: Plastic container (preservative-free)  
Light Protection: Not Required  
Special Handling: None  
Rejection Criteria: None

#### 4180LI Selenium, Liquid

Summary of Changes: Specimen Requirements were changed.

---

Specimen Requirements: 4 mL Liquid  
Transport Temperature: Refrigerated  
Specimen Container: Plastic container (Acid washed or Trace metal-free)  
Light Protection: Not Required  
Special Handling: None  
Rejection Criteria: None

#### 4127FL Suboxone® - Free, Fluid

Summary of Changes: Specimen Requirements were changed.

---

Specimen Requirements: 6 mL Fluid  
Transport Temperature: Refrigerated  
Specimen Container: Plastic container (preservative-free)  
Light Protection: Not Required  
Special Handling: None  
Rejection Criteria: None

#### 4240FL Sufentanil, Fluid

Summary of Changes: Specimen Requirements were changed.

---



## Test Updates

### Test Changes

Specimen Requirements: 6 mL Fluid  
Transport Temperature: Refrigerated  
Specimen Container: Plastic container (preservative-free)  
Light Protection: Not Required  
Special Handling: None  
Rejection Criteria: None

#### 4239SP Sulfide Exposure Biouptake Marker, Serum/Plasma

Summary of Changes: Specimen Requirements were changed.

---

Specimen Requirements: 3 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 Gray top tube (Sodium Fluoride / Potassium Oxalate).  
Promptly centrifuge and separate Serum or Plasma into a plastic screw capped vial using approved guidelines.  
Rejection Criteria: Light Green top tube (Lithium Heparin). Green top tube (Sodium Heparin). Green top tube (Lithium Heparin). Polymer gel separation tube (SST or PST).

#### 52118FL Talbutal Confirmation, Fluid

Summary of Changes: Specimen Requirements were changed.

---

Specimen Requirements: 3 mL Fluid  
Transport Temperature: Refrigerated  
Specimen Container: NMS Labs has no experimental or literature-based data regarding the choice of specific specimen collection containers for this test.  
Light Protection: Not Required  
Special Handling: None  
Rejection Criteria: None

#### 1611FL Tetrafluoroethane and Difluoroethane Panel, Fluid

Summary of Changes: Specimen Requirements were changed.

---



## Test Updates

### Test Changes

Specimen Requirements: 6 mL Fluid  
Transport Temperature: Refrigerated  
Specimen Container: Plastic container (preservative-free)  
Light Protection: Not Required  
Special Handling: Ensure that container remains tightly sealed.  
Rejection Criteria: None

#### **1611U Tetrafluoroethane and Difluoroethane Panel, Urine**

Summary of Changes: Specimen Requirements were changed.

---

Specimen Requirements: 6 mL Urine  
Transport Temperature: Refrigerated  
Specimen Container: Plastic container (preservative-free)  
Light Protection: Not Required  
Special Handling: Ensure that container remains tightly sealed.  
Rejection Criteria: None

#### **4370LI Thallium, Liquid**

Summary of Changes: Specimen Requirements were changed.

---

Specimen Requirements: 4 mL Liquid  
Transport Temperature: Refrigerated  
Specimen Container: Plastic container (Acid washed or Trace metal-free)  
Light Protection: Not Required  
Special Handling: None  
Rejection Criteria: None

#### **5596B Thebaine Confirmation (Qualitative), Blood**

Summary of Changes: Specimen Requirements were changed.

---

Specimen Requirements: 10 mL Blood  
Transport Temperature: Refrigerated  
Specimen Container: NMS Labs has no experimental or literature-based data regarding the choice of specific specimen collection containers for this test.  
Light Protection: Not Required  
Special Handling: None  
Rejection Criteria: None



## Test Updates

### Test Changes

#### 5596U Thebaine Confirmation (Qualitative), Urine

Summary of Changes: Specimen Requirements were changed.

---

Specimen Requirements: 6 mL Urine  
Transport Temperature: Refrigerated  
Specimen Container: Plastic container (preservative-free)  
Light Protection: Not Required  
Special Handling: None  
Rejection Criteria: None

#### 9272U Thebaine Screen, Urine

Summary of Changes: Specimen Requirements were changed.

---

Specimen Requirements: 12 mL Urine  
Transport Temperature: Refrigerated  
Specimen Container: Plastic container (preservative-free)  
Light Protection: Not Required  
Special Handling: None  
Rejection Criteria: None

#### 4376B Thebaine, Blood

Summary of Changes: Specimen Requirements were changed.

---

Specimen Requirements: 10 mL Blood  
Transport Temperature: Refrigerated  
Specimen Container: NMS Labs has no experimental or literature-based data regarding the choice of specific specimen collection containers for this test.  
Light Protection: Not Required  
Special Handling: None  
Rejection Criteria: None

#### 5600SP Thiopental and Metabolite Confirmation (Qualitative), Serum/Plasma

Summary of Changes: Specimen Requirements were changed.

---



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## Test Updates

### Test Changes

Specimen Requirements: 6 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: Received Refrigerated. Polymer gel separation tube (SST or PST).

#### 52122FL Thiopental and Metabolite Confirmation, Fluid

Summary of Changes: Specimen Requirements were changed.

---

Specimen Requirements: 3 mL Fluid  
Transport Temperature: Refrigerated  
Specimen Container: Plastic container (preservative-free)  
Light Protection: Not Required  
Special Handling: None  
Rejection Criteria: None

#### 9419SP Thiopental and Metabolite Screen, Serum/Plasma

Summary of Changes: Specimen Requirements were changed.

---

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: Received Refrigerated. Polymer gel separation tube (SST or PST).

#### 52283FL Thioridazine and Metabolite Confirmation, Fluid

Summary of Changes: Specimen Requirements were changed.

---



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## Test Updates

### Test Changes

Specimen Requirements: 4 mL Fluid  
Transport Temperature: Refrigerated  
Specimen Container: Plastic container (preservative-free)  
Light Protection: Not Required  
Special Handling: None  
Rejection Criteria: None

#### 4472B Thiosulfate, 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)  
Light Protection: Not Required  
Special Handling: None  
Rejection Criteria: Lavender top tube (EDTA). Light Green top tube (Lithium Heparin). Green top tube (Sodium Heparin). Light Green top tube (Lithium Heparin with gel). Green top tube (Lithium Heparin).

#### 4472SP Thiosulfate, Serum/Plasma

Summary of Changes: Specimen Requirements were changed.

---

Specimen Requirements: 3 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 Gray top tube (Sodium Fluoride / Potassium Oxalate). Promptly centrifuge and separate Serum or Plasma into a plastic screw capped vial using approved guidelines.  
Rejection Criteria: Light Green top tube (Lithium Heparin). Green top tube (Sodium Heparin). Green top tube (Lithium Heparin). Polymer gel separation tube (SST or PST).

#### 52123FL Thiothixene (Cis Isomer) Confirmation, Fluid

Summary of Changes: Specimen Requirements were changed.

---



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## Test Updates

### Test Changes

Specimen Requirements: 5 mL Fluid  
Transport Temperature: Refrigerated  
Specimen Container: NMS Labs has no experimental or literature-based data regarding the choice of specific specimen collection containers for this test.  
Light Protection: Not Required  
Special Handling: None  
Rejection Criteria: None

#### 52124FL Ticlopidine Confirmation, Fluid

Summary of Changes: Specimen Requirements were changed.

---

Specimen Requirements: 4 mL Fluid  
Transport Temperature: Refrigerated  
Specimen Container: NMS Labs has no experimental or literature-based data regarding the choice of specific specimen collection containers for this test.  
Light Protection: Not Required  
Special Handling: None  
Rejection Criteria: None

#### 52415FL Trihexyphenidyl Confirmation, Fluid

Summary of Changes: Specimen Requirements were changed.

---

Specimen Requirements: 5 mL Fluid  
Transport Temperature: Refrigerated  
Specimen Container: NMS Labs has no experimental or literature-based data regarding the choice of specific specimen collection containers for this test.  
Light Protection: Not Required  
Special Handling: None  
Rejection Criteria: None

#### 52130FL Trimethobenzamide Confirmation, Fluid

Summary of Changes: Specimen Requirements were changed.

---





## Test Updates

### Test Changes

Specimen Requirements: 4 mL Fluid  
Transport Temperature: Refrigerated  
Specimen Container: NMS Labs has no experimental or literature-based data regarding the choice of specific specimen collection containers for this test.  
Light Protection: Not Required  
Special Handling: None  
Rejection Criteria: None

#### 52280FL Trimipramine and Metabolite Confirmation, Fluid

Summary of Changes: Specimen Requirements were changed.

---

Specimen Requirements: 4 mL Fluid  
Transport Temperature: Refrigerated  
Specimen Container: Plastic container (preservative-free)  
Light Protection: Not Required  
Special Handling: None  
Rejection Criteria: None

#### 52298FL Verapamil Confirmation, Fluid

Summary of Changes: Specimen Requirements were changed.

---

Specimen Requirements: 4 mL Fluid  
Transport Temperature: Refrigerated  
Specimen Container: Plastic container (preservative-free)  
Light Protection: Not Required  
Special Handling: None  
Rejection Criteria: None

#### 4770FL Verapamil, Fluid

Summary of Changes: Specimen Requirements were changed.

---

Specimen Requirements: 4 mL Fluid  
Transport Temperature: Refrigerated  
Specimen Container: Plastic container (preservative-free)  
Light Protection: Not Required  
Special Handling: None  
Rejection Criteria: None



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## Test Updates

### Test Changes

#### 4791FL Vortioxetine, Fluid

Summary of Changes: Specimen Requirements were changed.

---

Specimen Requirements: 6 mL Fluid  
Transport Temperature: Refrigerated  
Specimen Container: Plastic container (preservative-free)  
Light Protection: Not Required  
Special Handling: None  
Rejection Criteria: None

#### 52135FL Xylazine Confirmation, Fluid

Summary of Changes: Specimen Requirements were changed.

---

Specimen Requirements: 3 mL Fluid  
Transport Temperature: Refrigerated  
Specimen Container: Plastic container (preservative-free)  
Light Protection: Not Required  
Special Handling: None  
Rejection Criteria: None

#### 4844FL Zinc, Fluid

Summary of Changes: Specimen Requirements were changed.

---

Specimen Requirements: 3 mL Fluid  
Transport Temperature: Refrigerated  
Specimen Container: Plastic container (Acid washed or Trace metal-free)  
Light Protection: Not Required  
Special Handling: None  
Rejection Criteria: None

#### 4844LI Zinc, Liquid

Summary of Changes: Specimen Requirements were changed.

---



Effective Date:

Monday, June 05, 2023

## Test Updates

### Test Changes

Specimen Requirements: 3 mL Liquid  
Transport Temperature: Refrigerated  
Specimen Container: Plastic container (Acid washed or Trace metal-free)  
Light Protection: Not Required  
Special Handling: None  
Rejection Criteria: None



Effective Date:  
Monday, June 05, 2023

# Test Updates

## Discontinued Tests

Test	Test Name	Alternative Test
2156B	Germanium, Blood	2156SP - Germanium, Serum/Plasma