



Effective Date:
Monday, July 08, 2013

New Tests and 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, July 08, 2013

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.



Effective Date:
Monday, July 08, 2013

New Tests and Test Updates

Test Code	Test Name	New Test	Test Name	Method / CPT Code	Specimen Req.	Stability	Scope	Units	Reference Comments	Discontinue
0495B	Avanafil, Blood	•								
0495SP	Avanafil, Serum/Plasma	•								
5941SP	Barbiturates Confirmation, Serum/Plasma (CSA)				•	•				
8620SP	Barbiturates Panel, Serum/Plasma				•	•				
8224SP	Barbiturates Panel, Serum/Plasma (Forensic)				•	•				
5641SP	Benzodiazepines Confirmation, Serum/Plasma				•					
5942SP	Benzodiazepines Confirmation, Serum/Plasma (CSA)				•					
9329SP	Benzodiazepines Panel, Serum/Plasma				•					
0420B	Betahydroxybutyric Acid, Blood	•								
0420FL	Betahydroxybutyric Acid, Fluid	•								
1080SP	Chlordiazepoxide and Metabolite, Serum/Plasma				•					
1267SP	Clobazam, Serum/Plasma				•	•				
5488SP	Clonazepam and Metabolite Confirmation, Serum/Plasma				•					
9139SP	Clonazepam and Metabolite Screen, Serum/Plasma				•					
1270SP	Clonazepam and Metabolite, Serum/Plasma				•					
1280SP	Clorazepate as Metabolite, Serum/Plasma				•	•				
1348FL	Creatinine (Vitreous), Fluid (Forensic)				•					
1495B	Desomorphine, Blood	•								
1495SP	Desomorphine, Serum/Plasma	•								
1501SP	Diazepam and Metabolites, Serum/Plasma				•					
1502SP	Diazepam and Metabolites, Serum/Plasma (CSA)				•					
1515B	Diazoxide, Blood	•								
1919FL	Electrolytes and Glucose Panel (Vitreous), Fluid (Forensic)				•					
2136SP	Fosphenytoin, Serum/Plasma				•	•				
2198SP	Halazepam as Metabolite, Serum/Plasma				•	•				
2345B	Hydroflumethiazide, Blood	•								
2527SP	Lacosamide, Serum/Plasma				•	•				
2505SP	Levetiracetam, Serum/Plasma				•	•				



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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
2630SP	Mephobarbital and Metabolite, Serum/Plasma				•	•				
5644B	Methsuximide as Metabolite Confirmation, Blood				•					
5644SP	Methsuximide as Metabolite Confirmation, Serum/Plasma				•					
5644U	Methsuximide as Metabolite Confirmation, Urine				•					
9336B	Methsuximide as Metabolite Screen, Blood				•					
9336SP	Methsuximide as Metabolite Screen, Serum/Plasma				•					
9336U	Methsuximide as Metabolite Screen, Urine				•					
3216SP	Nordiazepam and Metabolite, Serum/Plasma				•					
5544SP	Phenobarbital Confirmation, Serum/Plasma				•	•				
9416SP	Phenobarbital Screen, Serum/Plasma				•	•				
3580SP	Phenobarbital, Serum/Plasma				•	•				
8633SP	Phenobarbital, Serum/Plasma				•	•				
5673SP	Phenytoin Confirmation, Serum/Plasma				•	•				
9239SP	Phenytoin Screen, Serum/Plasma				•	•				
3743SP	Phenytoin, Serum/Plasma				•	•				
3900SP	Primidone, Phenobarbital and PEMA, Serum/Plasma				•					
3901SP	Primidone, Serum/Plasma				•	•				
90003SP	Therapeutic and Abused Drugs with Alcohol Screen, Serum/Plasma (CSA)				•					
4479SP	Tiagabine, Serum/Plasma				•	•				
4759SP	Valproic Acid - Free and Total, Serum/Plasma				•	•				
4761SP	Valproic Acid, Free, Serum/Plasma				•	•				
4774SP	Vigabatrin, Serum/Plasma				•	•				
4884SP	Zonisamide, Serum/Plasma				•	•				



New Tests and Test Updates

New Tests

0495B	Avanafil, Blood	Effective Immediately
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Scope of Analysis: Avanafil [LC-MS/MS]
 Method(s): High Performance Liquid Chromatography/Tandem Mass Spectrometry (LC-MS/MS)
 Purpose: Therapeutic Drug Monitoring. This test is New York State approved.
 Category: Erectile Dysfunction
 Specimen Requirements: 1 mL Blood
 Minimum Volume: 0.4 mL
 Special Handling: None
 Specimen Container: Lavender top tube (EDTA)
 Transport Temperature: Refrigerated
 Light Protection: Not Required
 Rejection Criteria: None
 Stability: Room Temperature: 30 day(s)
 Refrigerated: 30 day(s)
 Frozen (-20 °C): 30 day(s)

Method: High Performance Liquid Chromatography/Tandem Mass Spectrometry (LC-MS/MS)

Set-Up Days / TAT: Monday-Sunday 7 days (after set-up)
 CPT Code: 83789

Compound Name / Alias	Units	RL	Reference Comment
Avanafil Stendra	ng/mL	10	Single doses of 50 mg and 200 mg of avanafil had mean peak concentrations of approximately 500 and 2500 ng/mL, respectively. The blood to plasma ratio is unknown for this compound.

0495SP	Avanafil, Serum/Plasma	Effective Immediately
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Scope of Analysis: Avanafil [LC-MS/MS]
 Method(s): High Performance Liquid Chromatography/Tandem Mass Spectrometry (LC-MS/MS)
 Purpose: Therapeutic Drug Monitoring. This test is New York State approved.
 Category: Erectile Dysfunction
 Specimen Requirements: 1 mL Serum or Plasma
 Minimum Volume: 0.4 mL
 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.
 Specimen Container: Plastic container (preservative-free)
 Transport Temperature: Refrigerated
 Light Protection: Not Required
 Rejection Criteria: Polymer gel separation tube (SST or PST).
 Stability: Room Temperature: 30 day(s)
 Refrigerated: 30 day(s)
 Frozen (-20 °C): 30 day(s)

Method: High Performance Liquid Chromatography/Tandem Mass Spectrometry (LC-MS/MS)

Set-Up Days / TAT: Monday-Sunday 7 days (after set-up)
 CPT Code: 83789

Compound Name / Alias	Units	RL	Reference Comment
Avanafil Stendra	mcg/mL	10	Single doses of 50 mg and 200 mg of avanafil had mean peak concentrations of approximately 500 and 2500 ng/mL, respectively.



New Tests and Test Updates

New Tests

0420B	Betahydroxybutyric Acid, Blood	Effective Immediately
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Scope of Analysis: Betahydroxybutyric Acid [GC/MS]
 Method(s): Gas Chromatography/Mass Spectrometry (GC/MS)
 Purpose: Postmortem Evaluation. Diagnostic Monitoring. This test is New York State approved.
 Category: Biological Marker
 Specimen Requirements: 1 mL Blood
 Minimum Volume: 0.3 mL
 Special Handling: None
 Specimen Container: Gray top tube (Sodium Fluoride / Potassium Oxalate)
 Transport Temperature: Refrigerated
 Light Protection: Not Required
 Rejection Criteria: Received Room Temperature.
 Stability: Room Temperature: 2 day(s)
 Refrigerated: 14 day(s)
 Frozen (-20 °C): 30 day(s)

Method: Gas Chromatography/Mass Spectrometry (GC/MS)

Set-Up Days / TAT: Wednesday 3 days (after set-up)
 CPT Code: 82010

Compound Name / Alias	Units	RL	Reference Comment
Betahydroxybutyric Acid BHB; Betahydroxybutyrate; Ketone	mcg/mL	20	Blood betahydroxybutyric acid concentrations below 50 mcg/mL are considered normal while concentrations greater than 250 mcg/mL are indicative of ketoacidosis.

0420FL	Betahydroxybutyric Acid, Fluid	Effective Immediately
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Scope of Analysis: Betahydroxybutyric Acid [GC/MS]
 Method(s): Gas Chromatography/Mass Spectrometry (GC/MS)
 Purpose: Postmortem Evaluation. Diagnostic Monitoring. This test is New York State approved.
 Category: Biological Marker
 Specimen Requirements: 1 mL Fluid
 Minimum Volume: 0.3 mL
 Special Handling: None
 Specimen Container: Plastic container (preservative-free)
 Transport Temperature: Refrigerated
 Light Protection: Not Required
 Rejection Criteria: Received Room Temperature.
 Stability: Room Temperature: 1 day(s)
 Refrigerated: 7 day(s)
 Frozen (-20 °C): 30 day(s)

Method: Gas Chromatography/Mass Spectrometry (GC/MS)

Set-Up Days / TAT: Wednesday 3 days (after set-up)
 CPT Code: 82010

Compound Name / Alias	Units	RL	Reference Comment
Betahydroxybutyric Acid BHB; Betahydroxybutyrate; Ketone	mcg/mL	20	Vitreous fluid betahydroxybutyric acid concentrations below 50 mcg/mL are considered normal while concentrations greater than 250 mcg/mL are indicative of ketoacidosis.



New Tests and Test Updates

New Tests

1495B	Desomorphine, Blood	Effective Immediately
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Scope of Analysis: Desomorphine [LC-MS/MS]
 Method(s): High Performance Liquid Chromatography/Tandem Mass Spectrometry (LC-MS/MS)
 Purpose: Forensic Investigation. This test is New York State approved.
 Category: Drugs of Abuse
 Specimen Requirements: 2 mL Blood
 Minimum Volume: 0.7 mL
 Special Handling: None
 Specimen Container: Lavender top tube (EDTA)
 Transport Temperature: Refrigerated
 Light Protection: Not Required
 Rejection Criteria: None
 Stability: Room Temperature: 30 day(s)
 Refrigerated: 30 day(s)
 Frozen (-20 °C): 30 day(s)

Method: High Performance Liquid Chromatography/Tandem Mass Spectrometry (LC-MS/MS)

Set-Up Days / TAT: Monday-Sunday 7 days (after set-up)
 CPT Code: 83789

Compound Name / Alias	Units	RL	Reference Comment
Desomorphine Dihydrodesoxymorphine; Dihydrodesoxymorphine-D; Krokodil; Permonid	ng/mL	0.5	No reference data available.

1495SP	Desomorphine, Serum/Plasma	Effective Immediately
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Scope of Analysis: Desomorphine [LC-MS/MS]
 Method(s): High Performance Liquid Chromatography/Tandem Mass Spectrometry (LC-MS/MS)
 Purpose: Forensic Investigation. This test is New York State approved.
 Category: Drugs of Abuse
 Specimen Requirements: 2 mL Serum or Plasma
 Minimum Volume: 0.7 mL
 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.
 Specimen Container: Plastic container (preservative-free)
 Transport Temperature: Refrigerated
 Light Protection: Not Required
 Rejection Criteria: Polymer gel separation tube (SST or PST).
 Stability: Room Temperature: 30 day(s)
 Refrigerated: 30 day(s)
 Frozen (-20 °C): 30 day(s)

Method: High Performance Liquid Chromatography/Tandem Mass Spectrometry (LC-MS/MS)

Set-Up Days / TAT: Monday-Sunday 7 days (after set-up)
 CPT Code: 83789

Compound Name / Alias	Units	RL	Reference Comment
Desomorphine Dihydrodesoxymorphine; Dihydrodesoxymorphine-D; Krokodil; Permonid	mcg/mL	0.5	No reference data available.



New Tests and Test Updates

New Tests

1515B	Diazoxide, Blood	Effective Immediately
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Scope of Analysis: Diazoxide [LC-MS/MS]
 Method(s): High Performance Liquid Chromatography/Tandem Mass Spectrometry (LC-MS/MS)
 Purpose: Therapeutic Drug Monitoring. This test is New York State approved.
 Category: Antihypertensive
 Specimen Requirements: 1 mL Blood
 Minimum Volume: 0.21 mL
 Special Handling: None
 Specimen Container: Lavender top tube (EDTA)
 Transport Temperature: Refrigerated
 Light Protection: Not Required
 Rejection Criteria: None
 Stability: Room Temperature: 1 month(s)
 Refrigerated: 1 month(s)
 Frozen (-20 °C): 1 month(s)

Method: High Performance Liquid Chromatography/Tandem Mass Spectrometry (LC-MS/MS)

Set-Up Days / TAT: Tuesday Thursday 2 days (after set-up)
 CPT Code: 83789

Compound Name / Alias	Units	RL	Reference Comment
Diazoxide Hyperstat®; Proglycem®	ng/mL	1000	Plateau plasma concentrations following 300 mg intravenous injection of diazoxide ranged from 15000 to 25000 ng/mL. The blood to plasma ratio of diazoxide is not known.

2345B	Hydroflumethiazide, Blood	Effective Immediately
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Scope of Analysis: Hydroflumethiazide [LC-MS/MS]
 Method(s): High Performance Liquid Chromatography/Tandem Mass Spectrometry (LC-MS/MS)
 Purpose: Therapeutic Drug Monitoring. This test is New York State approved.
 Category: Diuretic
 Specimen Requirements: 1 mL Blood
 Minimum Volume: 0.4 mL
 Special Handling: None
 Specimen Container: Lavender top tube (EDTA)
 Transport Temperature: Refrigerated
 Light Protection: Not Required
 Rejection Criteria: None
 Stability: Room Temperature: 7 day(s)
 Refrigerated: 1 month(s)
 Frozen (-20 °C): 1 month(s)

Method: High Performance Liquid Chromatography/Tandem Mass Spectrometry (LC-MS/MS)

Set-Up Days / TAT: Monday Thursday 2 days (after set-up)
 CPT Code: 83789

Compound Name / Alias	Units	RL	Reference Comment
Hydroflumethiazide Saluron®	ng/mL	10	Peak plasma concentrations averaged 530 +/- 150 ng/mL in 6 healthy subjects taking 100 mg daily hydroflumethiazide for seven days. The blood to plasma ratio of hydroflumethiazide is approximately 0.9.



New Tests and Test Updates

Test Changes

5941SP Barbiturates Confirmation, Serum/Plasma (CSA)

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

Specimen Requirements: 2 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: 14 day(s)
Frozen (-20 °C): 3 month(s)

8224SP Barbiturates Panel, Serum/Plasma (Forensic)

Summary of Changes: Specimen Requirements (Specimen Container) were changed.
Specimen Requirements (Special Handling) were changed.
Stability was 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 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: 14 day(s)
Frozen (-20 °C): 3 month(s)

8620SP Barbiturates Panel, Serum/Plasma

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



New Tests and Test Updates

Test Changes

Specimen Requirements: 2 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: 14 day(s)
Frozen (-20 °C): 3 month(s)

5942SP Benzodiazepines Confirmation, Serum/Plasma (CSA)

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

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).

5641SP Benzodiazepines Confirmation, Serum/Plasma

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

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).

9329SP Benzodiazepines Panel, Serum/Plasma



New Tests and Test Updates

Test Changes

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

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).

1080SP Chlordiazepoxide and Metabolite, Serum/Plasma

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

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).

1267SP Clobazam, Serum/Plasma

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

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).



New Tests and Test Updates

Test Changes

Stability: Room Temperature: 14 day(s)
Refrigerated: 14 day(s)
Frozen (-20 °C): 2 month(s)

5488SP Clonazepam and Metabolite Confirmation, Serum/Plasma

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

Specimen Requirements: 2 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).

9139SP Clonazepam and Metabolite Screen, Serum/Plasma

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

1270SP Clonazepam and Metabolite, Serum/Plasma

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



New Tests and Test Updates

Test Changes

Specimen Requirements: 2 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).

1280SP Clorazepate as Metabolite, Serum/Plasma

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

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: 14 day(s)
Frozen (-20 °C): 3 month(s)

1348FL Creatinine (Vitreous), Fluid (Forensic)

Summary of Changes: Specimen Requirements were changed.

Specimen Requirements: 1 mL Fluid
Transport Temperature: Refrigerated
Specimen Container: Plastic container (preservative-free)
Light Protection: Not Required
Special Handling: None
Rejection Criteria: None

1502SP Diazepam and Metabolites, Serum/Plasma (CSA)

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



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).

1501SP Diazepam and Metabolites, Serum/Plasma

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

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).

1919FL Electrolytes and Glucose Panel (Vitreous), Fluid (Forensic)

Summary of Changes: Specimen Requirements were changed.

Specimen Requirements: 3 mL Fluid
Transport Temperature: Refrigerated
Specimen Container: Red top tube (no additive) OR Plastic container (preservative-free)
Light Protection: Not Required
Special Handling: None
Rejection Criteria: None

2136SP Fosphenytoin, Serum/Plasma

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



New Tests and Test Updates

Test Changes

Specimen Requirements: 2 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): 3 month(s)

2198SP Halazepam as Metabolite, Serum/Plasma

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

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: 14 day(s)
Frozen (-20 °C): 3 month(s)

2527SP Lacosamide, Serum/Plasma

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



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: 15 day(s)
Refrigerated: 15 day(s)
Frozen (-20 °C): 7 month(s)

2505SP Levetiracetam, Serum/Plasma

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

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: 14 day(s)
Frozen (-20 °C): 3 month(s)

2630SP Mephobarbital and Metabolite, Serum/Plasma

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



New Tests and Test Updates

Test Changes

Specimen Requirements: 2 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: 14 day(s)
Frozen (-20 °C): 3 month(s)

5644B Methsuximide as Metabolite Confirmation, Blood

Summary of Changes: Specimen Requirements (Specimen Container) were changed.

Specimen Requirements: 2 mL Blood
Transport Temperature: Refrigerated
Specimen Container: Lavender top tube (EDTA)
Light Protection: Not Required
Special Handling: None
Rejection Criteria: None

5644SP Methsuximide as Metabolite Confirmation, Serum/Plasma

Summary of Changes: Specimen Requirements (Specimen Container) were changed.

Specimen Requirements: 2 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).

5644U Methsuximide as Metabolite Confirmation, Urine

Summary of Changes: Specimen Requirements (Specimen Container) were changed.



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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

9336B Methsuximide as Metabolite Screen, Blood

Summary of Changes: Specimen Requirements (Specimen Container) 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

9336SP Methsuximide as Metabolite Screen, Serum/Plasma

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

9336U Methsuximide as Metabolite Screen, Urine

Summary of Changes: Specimen Requirements (Specimen Container) were changed.



New Tests and Test Updates

Test Changes

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

3216SP Nordiazepam and Metabolite, Serum/Plasma

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

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).

5544SP Phenobarbital Confirmation, Serum/Plasma

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

Specimen Requirements: 2 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: 14 day(s)
Frozen (-20 °C): 3 month(s)

9416SP Phenobarbital Screen, Serum/Plasma



New Tests and Test Updates

Test Changes

Summary of Changes: Specimen Requirements (Specimen Container) were changed.
Specimen Requirements (Special Handling) were changed.
Stability was 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 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: 14 day(s)
Frozen (-20 °C): 3 month(s)

3580SP Phenobarbital, Serum/Plasma

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

Specimen Requirements: 2 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: 14 day(s)
Frozen (-20 °C): 3 month(s)

8633SP Phenobarbital, Serum/Plasma

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



New Tests and Test Updates

Test Changes

Specimen Requirements: 2 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: 14 day(s)
Frozen (-20 °C): 3 month(s)

5673SP Phenytoin Confirmation, Serum/Plasma

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

Specimen Requirements: 2 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): 3 month(s)

9239SP Phenytoin Screen, Serum/Plasma

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



New Tests and Test Updates

Test Changes

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 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): 3 month(s)

3743SP Phenytoin, Serum/Plasma

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

Specimen Requirements: 2 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): 3 month(s)

3900SP Primidone, Phenobarbital and PEMA, Serum/Plasma

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



New Tests and Test Updates

Test Changes

Specimen Requirements: 2 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).

3901SP Primidone, Serum/Plasma

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

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: 14 day(s)
Frozen (-20 °C): 3 month(s)

90003SP Therapeutic and Abused Drugs with Alcohol Screen, Serum/Plasma (CSA)

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

Specimen Requirements: 10 mL Serum or Plasma
Transport Temperature: Refrigerated
Specimen Container: Gray top tube (Sodium Fluoride / Potassium Oxalate), Lavender top tube (EDTA), Plastic container (preservative-free)
Light Protection: Yes
Special Handling: Serum: Collect sample in Red top tube
Plasma: Collect sample in Lavender top tube (EDTA) or Pink top tube.
Collect sample using alcohol free skin preparation. Peak serum levels are recommended when monitoring patients because the level in the blood drops so rapidly that many negative results are found at the trough. The peak occurs at 40 to 90 minutes post dose.
Rejection Criteria: Not received Light Protected. Polymer gel separation tube (SST or PST).



New Tests and Test Updates

Test Changes

4479SP Tiagabine, Serum/Plasma

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

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.
Draw Sample prior to dosing (trough). Promptly centrifuge and separate Serum 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): 3 month(s)

4759SP Valproic Acid - Free and Total, Serum/Plasma

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

Specimen Requirements: 4 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: 14 day(s)
Frozen (-20 °C): 14 day(s)

4761SP Valproic Acid, Free, Serum/Plasma

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



New Tests and Test Updates

Test Changes

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 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: 14 day(s)
Frozen (-20 °C): 3 month(s)

4774SP Vigabatrin, Serum/Plasma

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

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: 7 day(s)
Refrigerated: 7 day(s)
Frozen (-20 °C): 3 month(s)

4884SP Zonisamide, Serum/Plasma

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



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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: 15 day(s)

Refrigerated: 15 day(s)

Frozen (-20 °C): 12 month(s)