Effective Date:

Monday, August 03, 2020

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, August 03, 2020

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.

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Test Updates

Test Code	Test Name	Test Name	Method / CPT Code	Specimen Req.	Stability	Scope	Units	Reference Comments	Discontinue
0012B	Acebutolol, Blood			•					
52003FL	Amlodipine Confirmation, Fluid			•					
0329FL	Amphetamines (D/L Differentiation), Fluid			•					
90033B	Antipsychotic Screen, Blood (CSA)			•					
52006FL	Antipyrine Confirmation, Fluid			•					
52151FL	Atenolol Confirmation, Fluid (CSA)			•					
9541FL	Atenolol Screen (Add-On), Fluid (Forensic) (CSA)			•					
52008FL	Atropine Confirmation, Fluid			•					
3227B	Beta-Blockers Panel, Blood			•					
3227U	Beta-Blockers Panel, Urine			•					
52017FL	Carisoprodol and Metabolite Confirmation, Fluid			•					
5479FL	Carisoprodol and Metabolite Confirmation, Fluid			•					
9129FL	Carisoprodol and Metabolite Screen, Fluid			•					
1030FL	Carisoprodol and Metabolite, Fluid			•					
5419B	Chloral Hydrate Confirmation, Blood			•					
5419SP	Chloral Hydrate Confirmation, Serum/Plasma			•					
5419U	Chloral Hydrate Confirmation, Urine			•					
9401B	Chloral Hydrate Screen, Blood			•					
9401SP	Chloral Hydrate Screen, Serum/Plasma			•					
9401U	Chloral Hydrate Screen, Urine			•					
52435FL	Clonidine Confirmation, Fluid			•					
52153FL	Clonidine Confirmation, Fluid (CSA)			•					
9543FL	Clonidine Screen (Add-On), Fluid (Forensic) (CSA)			•					
52154FL	Digoxin Confirmation, Fluid (CSA)			•					
9544FL	Digoxin Screen (Add-On), Fluid (Forensic) (CSA)			•					
1615FL	Digoxin, Fluid			•					
52036FL	Duloxetine Confirmation, Fluid			•					
52038FL	Eszopiclone / Zopiclone Confirmation, Fluid			•					
90023B	Expanded Drug Screen (DUID/DRE), Blood (Forensic) (CSA)			•					
52056FL	Hydroxychloroquine Confirmation, Fluid			•					
2362FL	Hydroxychloroquine, Fluid			•					

Test Updates

Test Code	Test Name	Test Name	Method / CPT Code	Specimen Req.	Stability	Scope	Units	Reference Comments	Discontinue
5425FL	Ipecac Use Markers Confirmation, Fluid			•					
2425FL	Ipecac Use Markers Screen, Fluid			•					
54355U	Lacosamide Confirmation (Qualitative) (DUID/DRE), Urine			•					
52420FL	Lacosamide Confirmation, Fluid			•					
52420U	Lacosamide Confirmation, Urine			•					
2527FL	Lacosamide, Fluid			•					
2527U	Lacosamide, Urine			•					
52422FL	Metaxalone Confirmation, Fluid			•					
52073FL	Methaqualone Confirmation, Fluid			•					
52088FL	Nifedipine Confirmation, Fluid			•					
3325B	Paraquat, Blood			•					
52158FL	Propranolol Confirmation, Fluid (CSA)			•					
9548FL	Propranolol Screen (Add-On), Fluid (Forensic) (CSA)			•					
52141FL	Quinine / Quinidine Differentiation Confirmation, Fluid			•					
52159B	Ranitidine Confirmation, Blood (CSA)							•	
52159SP	Ranitidine Confirmation, Serum/Plasma (CSA)							•	
9549B	Ranitidine Screen (Add-On), Blood (Forensic) (CSA)							•	
9549SP	Ranitidine Screen (Add-On), Serum/Plasma (Forensic) (CSA)							•	
4085B	Ranitidine, Blood							•	
4085SP	Ranitidine, Serum/Plasma							•	
4085U	Ranitidine, Urine							•	
50001FL	Salicylate Confirmation, Fluid			•					
5438FL	Salicylate Confirmation, Fluid			•					
4137FL	Salicylate, Fluid			•					
8001FL	Salicylates Screen, Fluid			•					
52115FL	Scopolamine Confirmation, Fluid			•					
52126FL	Timolol Confirmation, Fluid			•					
54383B	Trifluoperazine Confirmation (DUID/DRE), Blood			•					
52470B	Trifluoperazine Confirmation, Blood			•					
4660B	Trifluoperazine, Blood			•					

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Test Updates

Test Changes

0012B Acebutolol, Blood

Summary of Changes: Specimen Requirements were changed.

Specimen Requirements: 1 mL Blood
Transport Temperature: Refrigerated
Specimen Container: Lavender top tube (EDTA)
Light Protection: Not Required
Special Handling: None
Rejection Criteria: None

52003FL Amlodipine Confirmation, Fluid

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

0329FL Amphetamines (D/L Differentiation), 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

90033B Antipsychotic Screen, Blood (CSA)

Summary of Changes: Specimen Requirements were changed.

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Test Changes

Specimen Requirements: 5 mL Blood
Transport Temperature: Frozen
Specimen Container: Gray top tube (Sodium Fluoride / Potassium Oxalate), Lavender top tube (EDTA)
Light Protection: Not Required
Special Handling: None
Rejection Criteria: Received Room Temperature. Received Refrigerated.

52006FL Antipyrine Confirmation, Fluid

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

52151FL Atenolol Confirmation, Fluid (CSA)

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

9541FL Atenolol Screen (Add-On), Fluid (Forensic) (CSA)

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

52008FL Atropine Confirmation, Fluid

Test Updates

Test Changes

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

3227B Beta-Blockers Panel, Blood

Summary of Changes: Specimen Requirements were changed.

Specimen Requirements: 1 mL Blood
Transport Temperature: Refrigerated
Specimen Container: Lavender top tube (EDTA)
Light Protection: Not Required
Special Handling: None
Rejection Criteria: Received Room Temperature.

3227U Beta-Blockers Panel, Urine

Summary of Changes: Specimen Requirements were changed.

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

52017FL Carisoprodol and Metabolite 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

Test Updates

Test Changes

5479FL Carisoprodol and Metabolite 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

9129FL Carisoprodol and Metabolite Screen, 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

1030FL Carisoprodol and Metabolite, 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

5419B Chloral Hydrate Confirmation, Blood

Summary of Changes: Specimen Requirements were changed.

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Test Changes

Specimen Requirements:	1 mL Blood
Transport Temperature:	Refrigerated
Specimen Container:	Gray top tube (Sodium Fluoride / Potassium Oxalate)
Light Protection:	Not Required
Special Handling:	Ensure that container remains tightly sealed.
Rejection Criteria:	None

5419SP Chloral Hydrate Confirmation, Serum/Plasma

Summary of Changes: Specimen Requirements were changed.

Specimen Requirements:	1 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:	Serum: Collect sample in Red top tube Plasma: Collect sample in Lavender top tube (EDTA) or Pink top tube. Promptly centrifuge and separate Serum into a plastic screw capped vial using approved guidelines. Ensure that container remains tightly sealed.
Rejection Criteria:	Polymer gel separation tube (SST or PST).

5419U Chloral Hydrate Confirmation, Urine

Summary of Changes: Specimen Requirements were changed.

Specimen Requirements:	1 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

9401B Chloral Hydrate Screen, Blood

Summary of Changes: Specimen Requirements were changed.

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Test Updates

Test Changes

Specimen Requirements: 3 mL Blood
Transport Temperature: Refrigerated
Specimen Container: Gray top tube (Sodium Fluoride / Potassium Oxalate)
Light Protection: Not Required
Special Handling: Ensure that container remains tightly sealed.
Rejection Criteria: None

9401SP Chloral Hydrate Screen, Serum/Plasma

Summary of Changes: Specimen Requirements were changed.

Specimen Requirements: 3 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: Serum: Collect sample in Red top tube
Plasma: Collect sample in Lavender top tube (EDTA) or Pink top tube.
Promptly centrifuge and separate Serum into a plastic screw capped vial using approved guidelines. Ensure that container remains tightly sealed.
Rejection Criteria: Polymer gel separation tube (SST or PST).

9401U Chloral Hydrate Screen, Urine

Summary of Changes: Specimen Requirements were changed.

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

52153FL Clonidine Confirmation, Fluid (CSA)

Summary of Changes: Specimen Requirements were changed.

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Test Updates

Test Changes

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

52435FL Clonidine 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

9543FL Clonidine Screen (Add-On), Fluid (Forensic) (CSA)

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

52154FL Digoxin Confirmation, Fluid (CSA)

Summary of Changes: Specimen Requirements were changed.

Specimen Requirements: 1 mL Fluid
Transport Temperature: Refrigerated
Specimen Container: Gray top tube (Sodium Fluoride / Potassium Oxalate)
Light Protection: Not Required
Special Handling: Submit with Chain of Custody.
Rejection Criteria: None

9544FL Digoxin Screen (Add-On), Fluid (Forensic) (CSA)

Test Updates

Test Changes

Summary of Changes: Specimen Requirements were changed.

Specimen Requirements: 2 mL Fluid
Transport Temperature: Refrigerated
Specimen Container: Gray top tube (Sodium Fluoride / Potassium Oxalate)
Light Protection: Not Required
Special Handling: Submit with Chain of Custody.
Rejection Criteria: None

1615FL Digoxin, Fluid

Summary of Changes: Specimen Requirements were changed.

Specimen Requirements: 1 mL Fluid
Transport Temperature: Refrigerated
Specimen Container: Gray top tube (Sodium Fluoride / Potassium Oxalate)
Light Protection: Not Required
Special Handling: Submit with Chain of Custody.
Rejection Criteria: None

52036FL Duloxetine Confirmation, Fluid

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

52038FL Eszopiclone / Zopiclone Confirmation, Fluid

Summary of Changes: Specimen Requirements were changed.

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

Test Updates

Test Changes

90023B Expanded Drug Screen (DUID/DRE), Blood (Forensic) (CSA)

Summary of Changes: Specimen Requirements were changed.

Specimen Requirements:	9 mL Blood
Transport Temperature:	Frozen
Specimen Container:	Gray top tube (Sodium Fluoride / Potassium Oxalate), Lavender top tube (EDTA)
Light Protection:	Not Required
Special Handling:	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:	Received Room Temperature. Received Refrigerated. Glass container.

52056FL Hydroxychloroquine Confirmation, Fluid

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

2362FL Hydroxychloroquine, Fluid

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

5425FL Ipecac Use Markers Confirmation, Fluid

Summary of Changes: Specimen Requirements were changed.

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Test Changes

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

2425FL Ipecac Use Markers Screen, 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

54355U Lacosamide Confirmation (Qualitative) (DUID/DRE), Urine

Summary of Changes: Specimen Requirements were changed.

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

52420FL Lacosamide Confirmation, Fluid

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

52420U Lacosamide Confirmation, Urine

Test Updates

Test Changes

Summary of Changes: Specimen Requirements were changed.

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

2527FL Lacosamide, Fluid

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

2527U Lacosamide, Urine

Summary of Changes: Specimen Requirements were changed.

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

52422FL Metaxalone Confirmation, Fluid

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

Test Updates

Test Changes

52073FL Methaqualone Confirmation, Fluid

Summary of Changes: Specimen Requirements were changed.

Specimen Requirements:	2 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

52088FL Nifedipine Confirmation, Fluid

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

3325B Paraquat, Blood

Summary of Changes: Specimen Requirements were changed.

Specimen Requirements:	1 mL Blood
Transport Temperature:	Refrigerated
Specimen Container:	Gray top tube (Sodium Fluoride / Potassium Oxalate), Plastic container
Light Protection:	Not Required
Special Handling:	None
Rejection Criteria:	Glass container.

52158FL Propranolol Confirmation, Fluid (CSA)

Summary of Changes: Specimen Requirements were changed.

Test Updates

Test Changes

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

9548FL Propranolol Screen (Add-On), Fluid (Forensic) (CSA)

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

52141FL Quinine / Quinidine Differentiation Confirmation, Fluid

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

52159B Ranitidine Confirmation, Blood (CSA)

Summary of Changes: Reference Comment was changed.

Scope of Analysis: LC-MS/MS (80375): Ranitidine
Method (CPT Code)

Compound Name	Units	Reference Comment
Ranitidine	ng/mL	In April 2020, the FDA requested that manufacturers immediately withdraw all ranitidine drug products in response to the potential for N-Nitrosodimethylamine (a probable human carcinogen), to increase over time and reach unacceptable levels. Following the oral administration of 150 mg, the

Test Updates

Test Changes

Compound Name	Units	Reference Comment
		reported mean peak plasma concentrations ranged from 440 - 530 ng/mL at 2 to 3 hours. With chronic administration of 150 mg twice daily, the reported trough serum concentrations were approximately 55 ng/mL. IV administration of 1 mg/kg was reported to produce mean concentrations of 3500 ng/mL at 0.5 hours, 200 ng/mL at 2 hours and 100 ng/mL at 4 hours. The blood/plasma ratio of the drug is 1.0 to 1.1.

52159SP Ranitidine Confirmation, Serum/Plasma (CSA)

Summary of Changes: Reference Comment was changed.

Scope of Analysis: Method (CPT Code): LC-MS/MS (80375): Ranitidine

Compound Name	Units	Reference Comment
Ranitidine	ng/mL	In April 2020, the FDA requested that manufacturers immediately withdraw all ranitidine drug products in response to the potential for N-Nitrosodimethylamine (a probable human carcinogen), to increase over time and reach unacceptable levels. Following the oral administration of 150 mg, the reported mean peak plasma concentrations ranged from 440 - 530 ng/mL at 2 to 3 hours. With chronic administration of 150 mg twice daily, the reported trough serum concentrations were approximately 55 ng/mL. IV administration of 1 mg/kg was reported to produce mean concentrations of 3500 ng/mL at 0.5 hours, 200 ng/mL at 2 hours and 100 ng/mL at 4 hours.

9549B Ranitidine Screen (Add-On), Blood (Forensic) (CSA)

Summary of Changes: Reference Comment was changed.

Scope of Analysis: Method (CPT Code): LC-MS/MS (80307): Ranitidine

Test Updates

Test Changes

Compound Name	Units	Reference Comment
Ranitidine	ng/mL	In April 2020, the FDA requested that manufacturers immediately withdraw all ranitidine drug products in response to the potential for N-Nitrosodimethylamine (a probable human carcinogen), to increase over time and reach unacceptable levels. Following the oral administration of 150 mg, the reported mean peak plasma concentrations ranged from 440 - 530 ng/mL at 2 to 3 hours. With chronic administration of 150 mg twice daily, the reported trough serum concentrations were approximately 55 ng/mL. IV administration of 1 mg/kg was reported to produce mean concentrations of 3500 ng/mL at 0.5 hours, 200 ng/mL at 2 hours and 100 ng/mL at 4 hours. The blood/plasma ratio of the drug is 1.0 to 1.1.

9549SP Ranitidine Screen (Add-On), Serum/Plasma (Forensic) (CSA)

Summary of Changes: Reference Comment was changed.

Scope of Analysis: LC-MS/MS (80307): Ranitidine
Method (CPT Code)

Compound Name	Units	Reference Comment
Ranitidine	ng/mL	In April 2020, the FDA requested that manufacturers immediately withdraw all ranitidine drug products in response to the potential for N-Nitrosodimethylamine (a probable human carcinogen), to increase over time and reach unacceptable levels. Following the oral administration of 150 mg, the reported mean peak plasma concentrations ranged from 440 - 530 ng/mL at 2 to 3 hours. With chronic administration of 150 mg twice daily, the reported trough serum concentrations were approximately 55 ng/mL. IV administration of 1 mg/kg was reported to produce mean concentrations of 3500 ng/mL at 0.5 hours, 200 ng/mL at 2 hours and 100 ng/mL at 4 hours.

4085B Ranitidine, Blood

Summary of Changes: Reference Comment was changed.

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Test Changes

Scope of Analysis: LC-MS/MS (80375): Ranitidine
Method (CPT Code)

Compound Name	Units	Reference Comment
Ranitidine	ng/mL	In April 2020, the FDA requested that manufacturers immediately withdraw all ranitidine drug products in response to the potential for N-Nitrosodimethylamine (a probable human carcinogen), to increase over time and reach unacceptable levels. Following the oral administration of 150 mg, the reported mean peak plasma concentrations ranged from 440 - 530 ng/mL at 2 to 3 hours. With chronic administration of 150 mg twice daily, the reported trough serum concentrations were approximately 55 ng/mL. IV administration of 1 mg/kg was reported to produce mean concentrations of 3500 ng/mL at 0.5 hours, 200 ng/mL at 2 hours and 100 ng/mL at 4 hours. The blood/plasma ratio of the drug is 1.0 to 1.1.

4085SP Ranitidine, Serum/Plasma

Summary of Changes: Reference Comment was changed.

Scope of Analysis: LC-MS/MS (80375): Ranitidine
Method (CPT Code)

Compound Name	Units	Reference Comment
Ranitidine	ng/mL	In April 2020, the FDA requested that manufacturers immediately withdraw all ranitidine drug products in response to the potential for N-Nitrosodimethylamine (a probable human carcinogen), to increase over time and reach unacceptable levels. Following the oral administration of 150 mg, the reported mean peak plasma concentrations ranged from 440 - 530 ng/mL at 2 to 3 hours. With chronic administration of 150 mg twice daily, the reported trough serum concentrations were approximately 55 ng/mL. IV administration of 1 mg/kg was reported to produce mean concentrations of 3500 ng/mL at 0.5 hours, 200 ng/mL at 2 hours and 100 ng/mL at 4 hours.

4085U Ranitidine, Urine

Test Updates

Test Changes

Summary of Changes: Reference Comment was changed.

Scope of Analysis: LC-MS/MS (80375): Ranitidine
Method (CPT Code)

Compound Name	Units	Reference Comment
Ranitidine	ng/mL	In April 2020, the FDA requested that manufacturers immediately withdraw all ranitidine drug products in response to the potential for N-Nitrosodimethylamine (a probable human carcinogen), to increase over time and reach unacceptable levels.

50001FL Salicylate Confirmation, Fluid

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

5438FL Salicylate Confirmation, Fluid

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

4137FL Salicylate, Fluid

Summary of Changes: Specimen Requirements were changed.

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

8001FL Salicylates Screen, 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

52115FL Scopolamine 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

52126FL Timolol Confirmation, Fluid

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

54383B Trifluoperazine Confirmation (DUID/DRE), Blood

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Test Updates

Test Changes

Summary of Changes: Specimen Requirements 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

52470B Trifluoperazine Confirmation, Blood

Summary of Changes: Specimen Requirements 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

4660B Trifluoperazine, Blood

Summary of Changes: Specimen Requirements 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

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