Effective Date:

Monday, June 03, 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, June 03, 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.

NMS LABS
3701 Welsh Road
Willow Grove, PA 19090
www.NMSLabs.com

New Tests and Test Updates

Test Code	Test Name	New Test	Test Name	Method / CPT Code	Specimen Req.	Stability	Scope	Units	Reference Comments	Discontinue
0615SP	Benzthiazide, Serum/Plasma									•
0796B	Bumetanide, Blood			•	•	•			•	
0796SP	Bumetanide, Serum/Plasma			•	•	•			•	
1180B	Chlorothiazide, Blood			•	•	•		•	•	
1180SP	Chlorothiazide, Serum/Plasma			•	•	•		•	•	
1250B	Chlorthalidone, Blood			•	•	•		•	•	
1250SP	Chlorthalidone, Serum/Plasma			•	•	•		•	•	
1411B	Cyclohexanone, Blood (CSA)									•
1515SP	Diazoxide, Serum/Plasma			•	•	•		•	•	
1804SP	Diuretics Panel, Serum/Plasma			•	•	•		•	•	
1900B	Dyazide, Blood			•	•	•		•	•	
1900SP	Dyazide, Serum/Plasma			•	•	•		•	•	
52155B	Furosemide Confirmation, Blood (Forensic) (CSA)			•	•	•		•	•	
52155SP	Furosemide Confirmation, Serum/Plasma (Forensic) (CSA)			•	•	•		•	•	
52155U	Furosemide Confirmation, Urine (Forensic) (CSA)			•		•		•	•	
9545B	Furosemide Screen (Add-On), Blood (Forensic) (CSA)			•	•	•		•	•	
9545SP	Furosemide Screen (Add-On), Serum/Plasma (Forensic) (CSA)			•	•	•		•	•	
9545U	Furosemide Screen (Add-On), Urine (Forensic) (CSA)			•	•	•		•	•	
2140B	Furosemide, Blood			•	•	•		•	•	
2140SP	Furosemide, Serum/Plasma			•	•	•		•	•	
2140U	Furosemide, Urine			•		•		•	•	
9328U	Gamma-Hydroxybutyric Acid Screen, Urine (CSA)									•
52156B	Hydrochlorothiazide Confirmation, Blood (Forensic) (CSA)			•	•	•		•	•	
52156SP	Hydrochlorothiazide Confirmation, Serum/Plasma (Forensic) (CSA)			•	•	•		•	•	
52156U	Hydrochlorothiazide Confirmation, Urine (Forensic) (CSA)			•				•	•	
9546B	Hydrochlorothiazide Screen (Add-On), Blood (Forensic) (CSA)			•	•	•		•	•	
9546SP	Hydrochlorothiazide Screen (Add-On), Serum/Plasma (Forensic) (CSA)			•	•	•		•	•	
9546U	Hydrochlorothiazide Screen (Add-On), Urine (Forensic) (CSA)			•	•			•	•	
2330B	Hydrochlorothiazide, Blood			•	•	•		•	•	

Effective Date:

Monday, June 03, 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
2330FL	Hydrochlorothiazide, Fluid									•
2330SP	Hydrochlorothiazide, Serum/Plasma			•	•	•		•	•	
2330TI	Hydrochlorothiazide, Tissue									•
2330U	Hydrochlorothiazide, Urine			•				•	•	
2345SP	Hydroflumethiazide, Serum/Plasma			•	•	•		•	•	
2397SP	Indapamide, Serum/Plasma	•								
2245B	Metal Implant Panel, Blood (CSA)									•
2865SP	Methazolamide, Serum/Plasma (CSA)									•
2953B	Methyclothiazide, Blood									•
2953SP	Methyclothiazide, Serum/Plasma									•
3042B	Metolazone, Blood			•	•	•		•	•	
3042SP	Metolazone, Serum/Plasma			•	•	•		•	•	
3065SP	Mitotane, Serum/Plasma (CSA)									•
3093B	Molybdenum, Blood (CSA)									•
3433SP	Perampanel, Serum/Plasma	•								
4486B	Titanium, Blood				•					
4525B	Torsemide, Blood	•								
4525SP	Torsemide, Serum/Plasma	•								
5439B	Triamterene Confirmation, Blood									•
5439SP	Triamterene Confirmation, Serum/Plasma									•
9283B	Triamterene Screen, Blood									•
9283SP	Triamterene Screen, Serum/Plasma									•
4540B	Triamterene, Blood			•	•	•			•	
4540SP	Triamterene, Serum/Plasma			•	•	•			•	
4615B	Trichlormethiazide, Blood									•
4615SP	Trichlormethiazide, Serum/Plasma									•
4624U	Trichloroacetic Acid, Urine	•								
4627U	Trichloroacetic Acid, Urine									•

NMS LABS
3701 Welsh Road
Willow Grove, PA 19090
www.NMSLabs.com

New Tests and Test Updates

New Tests

2397SP Indapamide, Serum/Plasma — Effective Immediately

Scope of Analysis:	Indapamide [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, Diuretic
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: 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
Indapamide Lozol®	ng/mL	10	Normal subjects taking 2.5 mg daily normal release indapamide had steady state peak blood concentrations of 150 +/- 35 ng/mL. The blood to plasma ratio for indapamide is approximately 6.

3433SP Perampanel, Serum/Plasma — Effective Immediately

Scope of Analysis:	Perampanel [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:	Anticonvulsant, Antiepileptic
Specimen Requirements:	1 mL Serum or Plasma
Minimum Volume:	0.3 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: 1 month(s) Refrigerated: 1 month(s) Frozen (-20 °C): 1 month(s)

New Tests and Test Updates

New Tests

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

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

Compound Name / Alias	Units	RL	Reference Comment
Perampanel Fycompa®	ng/mL	20	Daily administration of 6 mg perampanel resulted in peak plasma concentrations averaging 460 ng/mL at approximately 1.3 hours post dose. Peak concentrations following a single 12 mg dose of perampanel averaged 800 ng/mL.

4525B Torsemide, Blood — Effective Immediately

Scope of Analysis: Torsemide [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, 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: 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
Torsemide Demadex®; Torasemide	ng/mL	25	Chronic oral administration of 40 mg torsemide produced peak plasma concentrations ranging from 2800 - 3800 ng/mL. The blood to plasma ratio of torsemide is not known.

4525SP Torsemide, Serum/Plasma — Effective Immediately

Scope of Analysis: Torsemide [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, Diuretic
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)

New Tests and Test Updates

New Tests

Transport Temperature: Refrigerated
Light Protection: Not Required
Rejection Criteria: Polymer gel separation tube (SST or PST).
Stability: Room Temperature: 1 month(s)
Refrigerated: 1 month(s)
Frozen (-20 °C): 1 month(s)

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
Torsemide Demadex®; Torasemide	ng/mL	25	Chronic oral administration of 40 mg torsemide produced peak plasma concentrations ranging from 2800 - 3800 ng/mL.

4624U Trichloroacetic Acid, Urine **Effective Immediately**

Scope of Analysis: Trichloroacetic Acid [GC]
Method(s): Gas Chromatography (GC)
Purpose: Occupational Exposure Monitoring, ACGIH/BEI. This test is New York State approved.
Category: Environmental/Occupation Toxin
Specimen Requirements: 1 mL Urine
Minimum Volume: 0.4 mL
Special Handling: None
Specimen Container: Plastic container (preservative-free)
Transport Temperature: Refrigerated
Light Protection: Not Required
Rejection Criteria: None
Stability: Room Temperature: 14 day(s)
Refrigerated: 14 day(s)
Frozen (-20 °C): 14 day(s)

Method: Gas Chromatography (GC)

Set-Up Days / TAT: Wednesday 4 days (after set-up)
CPT Code: 83921

Compound Name / Alias	Units	RL	Reference Comment
Trichloroacetic Acid TCA; Trichloroacetate	mg/L	0.5	Biological Exposure Index (ACGIH): Following workplace exposure to Methyl Chloroform: 10 mg/L measured in an end of workweek urine specimen. Following workplace exposure to Trichloroethylene: 15 mg/L measured in an end of shift at end of workweek urine specimen.

New Tests and Test Updates

Test Changes

0796B Bumetanide, Blood

Summary of Changes: Specimen Requirements were changed.
Specimen Requirements (Specimen Container) were changed.
Stability was changed.
Reference Comment was changed.
Methods/CPT Codes were changed [LC-MS/MS (83789)]

Specimen Requirements: 1 mL Blood
Transport Temperature: Refrigerated
Specimen Container: Lavender top tube (EDTA)
Light Protection: Not Required
Special Handling: None
Rejection Criteria: None
Stability: Room Temperature: 1 month(s)
Refrigerated: 1 month(s)
Frozen (-20 °C): 1 month(s)
Scope of Analysis: Method (CPT Code) LC-MS/MS (83789): Bumetanide

Compound Name	Units	Reference Comment
Bumetanide	ng/mL	Peak plasma concentrations were 97 +/- 15 ng/mL in eight healthy subjects following 2 mg and 180 +/- 100 ng/mL in four healthy subjects following 5 mg oral bumetanide. The blood to plasma ratio for bumetanide is not known.

0796SP Bumetanide, Serum/Plasma

Summary of Changes: Specimen Requirements were changed.
Specimen Requirements (Specimen Container) were changed.
Specimen Requirements (Special Handling) were changed.
Stability was changed.
Reference Comment was changed.
Methods/CPT Codes were changed [LC-MS/MS (83789)]

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: 1 month(s)
Refrigerated: 1 month(s)
Frozen (-20 °C): 1 month(s)
Scope of Analysis: LC-MS/MS (83789): Bumetanide
Method (CPT Code)

Compound Name	Units	Reference Comment
Bumetanide	ng/mL	Peak plasma concentrations were 97 +/- 15 ng/mL in eight healthy subjects following 2 mg and 180 +/- 100 ng/mL in four healthy subjects following 5 mg oral bumetanide.

1180B Chlorothiazide, Blood

Summary of Changes: Specimen Requirements (Specimen Container) were changed.
Stability was changed.
Reference Comment was changed.
Units were changed.
Methods/CPT Codes were changed [LC-MS/MS (83789)]

Specimen Requirements: 1 mL Blood
Transport Temperature: Refrigerated
Specimen Container: Lavender top tube (EDTA)
Light Protection: Not Required
Special Handling: None
Rejection Criteria: None
Stability: Room Temperature: 14 day(s)
Refrigerated: 1 month(s)
Frozen (-20 °C): 1 month(s)
Scope of Analysis: LC-MS/MS (83789): Chlorothiazide
Method (CPT Code)

Compound Name	Units	Reference Comment
Chlorothiazide	ng/mL	Peak plasma levels following a single 500 mg oral dose of chlorothiazide were 400 - 900 ng/mL at approximately 1 to 2 hours post dose. The blood to plasma ratio for chlorothiazide is approximately 0.6

1180SP Chlorothiazide, Serum/Plasma

New Tests and Test Updates

Test Changes

Summary of Changes: Specimen Requirements were changed.
Specimen Requirements (Specimen Container) were changed.
Specimen Requirements (Special Handling) were changed.
Stability was changed.
Reference Comment was changed.
Units were changed.
Methods/CPT Codes were changed [LC-MS/MS (83789)]

Specimen Requirements: 1 mL Serum or Plasma
Transport Temperature: Refrigerated
Specimen Container: Plastic container (preservative-free)
Light Protection: Not Required
Special Handling: Serum: Collect sample in Red top tube
Plasma: Collect sample in Lavender top tube (EDTA) or Pink top tube.
Promptly centrifuge and separate Serum or Plasma into a plastic screw capped vial using approved guidelines.
Rejection Criteria: Polymer gel separation tube (SST or PST).
Stability: Room Temperature: 14 day(s)
Refrigerated: 1 month(s)
Frozen (-20 °C): 1 month(s)
Scope of Analysis: Method (CPT Code) LC-MS/MS (83789): Chlorothiazide

Compound Name	Units	Reference Comment
Chlorothiazide	ng/mL	Peak plasma levels following a single 500 mg oral dose of chlorothiazide were 400 - 900 ng/mL at approximately 1 to 2 hours post dose.

1250B Chlorthalidone, Blood

Summary of Changes: Specimen Requirements (Specimen Container) were changed.
Stability was changed.
Reference Comment was changed.
Units were changed.
Methods/CPT Codes were changed [LC-MS/MS (83789)]

Specimen Requirements: 1 mL Blood
Transport Temperature: Refrigerated
Specimen Container: Lavender top tube (EDTA)
Light Protection: Not Required
Special Handling: None
Rejection Criteria: None
Stability: Room Temperature: 1 month(s)
Refrigerated: 1 month(s)
Frozen (-20 °C): 1 month(s)

New Tests and Test Updates

Test Changes

Scope of Analysis: LC-MS/MS (83789): Chlorthalidone
Method (CPT Code)

Compound Name	Units	Reference Comment
Chlorthalidone	ng/mL	Peak plasma concentrations following chronic 50 mg oral administration of chlorthalidone ranged from 280 - 1400 ng/mL (average 710 ng/mL). The blood to plasma ratio of chlorthalidone is concentration dependent and ranges from 10 to 30.

1250SP Chlorthalidone, Serum/Plasma

Summary of Changes:
Specimen Requirements were changed.
Specimen Requirements (Specimen Container) were changed.
Specimen Requirements (Special Handling) were changed.
Stability was changed.
Reference Comment was changed.
Units were changed.
Methods/CPT Codes were changed [LC-MS/MS (83789)]

Specimen Requirements: 1 mL Serum or Plasma

Transport Temperature: Refrigerated

Specimen Container: Plastic container (preservative-free)

Light Protection: Not Required

Special Handling: Serum: Collect sample in Red top tube
Plasma: Collect sample in Lavender top tube (EDTA) or Pink top tube.
Promptly centrifuge and separate Serum or Plasma into a plastic screw capped vial using approved guidelines.

Rejection Criteria: Polymer gel separation tube (SST or PST).

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

Scope of Analysis: LC-MS/MS (83789): Chlorthalidone
Method (CPT Code)

Compound Name	Units	Reference Comment
Chlorthalidone	ng/mL	Peak plasma concentrations following chronic 50 mg oral administration of chlorthalidone ranged from 280 - 1400 ng/mL (average 710 ng/mL).

1515SP Diazoxide, Serum/Plasma

New Tests and Test Updates

Test Changes

Summary of Changes: Specimen Requirements were changed.
Specimen Requirements (Specimen Container) were changed.
Specimen Requirements (Special Handling) were changed.
Stability was changed.
Reference Comment was changed.
Units were changed.
Methods/CPT Codes were changed [LC-MS/MS (83789)]

Specimen Requirements: 1 mL Serum or Plasma
Transport Temperature: Refrigerated
Specimen Container: Plastic container (preservative-free)
Light Protection: Not Required
Special Handling: Serum: Collect sample in Red top tube
Plasma: Collect sample in Lavender top tube (EDTA) or Pink top tube.
Promptly centrifuge and separate Serum or Plasma into a plastic screw capped vial using approved guidelines.
Rejection Criteria: Polymer gel separation tube (SST or PST).
Stability: Room Temperature: 14 day(s)
Refrigerated: 1 month(s)
Frozen (-20 °C): 1 month(s)
Scope of Analysis: Method (CPT Code) LC-MS/MS (83789): Diazoxide

Compound Name	Units	Reference Comment
Diazoxide	ng/mL	Plateau plasma concentrations following 300 mg intravenous injection of diazoxide ranged from 15000 - 25000 ng/mL.

1804SP Diuretics Panel, Serum/Plasma

Summary of Changes: Specimen Requirements were changed.
Specimen Requirements (Specimen Container) were changed.
Specimen Requirements (Special Handling) were changed.
Stability was changed.
Reference Comment was changed.
Units were changed.
Methods/CPT Codes were changed [LC-MS/MS (83789)]

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: 7 day(s) Refrigerated: 1 month(s) Frozen (-20 °C): 1 month(s)
Scope of Analysis: Method (CPT Code)	LC-MS/MS (83789): Chlorothiazide, Hydrochlorothiazide, Furosemide

Compound Name	Units	Reference Comment
Chlorothiazide	ng/mL	Peak plasma levels following a single 500 mg oral dose of chlorothiazide were 400 - 900 ng/mL at approximately 1 to 2 hours post dose.
Hydrochlorothiazide	ng/mL	Daily administration of oral hydrochlorothiazide produced the following plasma concentrations in hypertensive patients: 25 mg = 17 +/-8 ng/mL trough and 76 +/- 26 ng/mL 5 hours post dose 75 mg = 34 +/- 17 ng/mL trough and 200 +/- 93 ng/mL 5 hours post dose.
Furosemide	ng/mL	Mean peak serum levels of 2300 +/- 500 ng/mL were obtained approximately 1 hour after a single oral dose of 80 mg furosemide in fasting subjects.

1900B Dyazide, Blood

Summary of Changes:	Specimen Requirements were changed. Specimen Requirements (Specimen Container) were changed. Stability was changed. Reference Comment was changed. Units were changed. Methods/CPT Codes were changed [LC-MS/MS (83789)]

New Tests and Test Updates

Test Changes

Specimen Requirements:	1 mL Blood
Transport Temperature:	Refrigerated
Specimen Container:	Lavender top tube (EDTA)
Light Protection:	Not Required
Special Handling:	None
Rejection Criteria:	None
Stability:	Room Temperature: 7 day(s) Refrigerated: 1 month(s) Frozen (-20 °C): 1 month(s)
Scope of Analysis: Method (CPT Code)	LC-MS/MS (83789): Hydrochlorothiazide, Triamterene

Compound Name	Units	Reference Comment
Hydrochlorothiazide	ng/mL	Daily administration of oral hydrochlorothiazide produced the following plasma concentrations in hypertensive patients: 25 mg = 17 +/-8 ng/mL trough and 76 +/- 26 ng/mL 5 hours post dose 75 mg = 34 +/- 17 ng/mL trough and 200 +/- 93 ng/mL 5 hours post dose. The blood to plasma ratio for hydrochlorothiazide is approximately 2.
Triamterene	ng/mL	Chronic oral administration of 75 mg triamterene in combination with 50 mg hydrochlorothiazide resulted in peak plasma concentrations of 200 +/- 130 ng/mL triamterene. The blood to plasma ratio for triamterene is approximately 1.

1900SP Dyazide, Serum/Plasma

Summary of Changes:	Specimen Requirements were changed. Specimen Requirements (Specimen Container) were changed. Specimen Requirements (Special Handling) were changed. Stability was changed. Reference Comment was changed. Units were changed. Methods/CPT Codes were changed [LC-MS/MS (83789)]

Test Changes

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

Compound Name	Units	Reference Comment
Triamterene	ng/mL	Chronic oral administration of 75 mg triamterene in combination with 50 mg hydrochlorothiazide resulted in peak plasma concentrations of 200 +/- 130 ng/mL triamterene.
Hydrochlorothiazide	ng/mL	Daily administration of oral hydrochlorothiazide produced the following plasma concentrations in hypertensive patients: 25 mg = 17 +/-8 ng/mL trough and 76 +/- 26 ng/mL 5 hours post dose 75 mg = 34 +/- 17 ng/mL trough and 200 +/- 93 ng/mL 5 hours post dose.

52155B Furosemide Confirmation, Blood (Forensic) (CSA)

Summary of Changes:	Specimen Requirements (Specimen Container) were changed. Stability was changed. Reference Comment was changed. Units were changed. Methods/CPT Codes were changed [LC-MS/MS (83789)]

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

New Tests and Test Updates

Test Changes

Stability: Room Temperature: 30 day(s)
Refrigerated: 30 day(s)
Frozen (-20 °C): 30 day(s)
Scope of Analysis: LC-MS/MS (83789): Furosemide
Method (CPT Code)

Compound Name	Units	Reference Comment
Furosemide	ng/mL	Mean peak serum levels of 2300 +/- 500 ng/mL were obtained approximately 1 hour after a single oral dose of 80 mg furosemide in fasting subjects. The blood to plasma ratio of furosemide is not known.

52155SP Furosemide Confirmation, Serum/Plasma (Forensic) (CSA)

Summary of Changes: Specimen Requirements (Specimen Container) were changed.
Specimen Requirements (Special Handling) were changed.
Stability was changed.
Reference Comment was changed.
Units were changed.
Methods/CPT Codes were changed [LC-MS/MS (83789)]

Specimen Requirements: 1 mL Serum or Plasma
Transport Temperature: Refrigerated
Specimen Container: Plastic container (preservative-free)
Light Protection: Not Required
Special Handling: Serum: Collect sample in Red top tube
Plasma: Collect sample in Lavender top tube (EDTA) or Pink top tube.
Promptly centrifuge and separate Serum or Plasma into a plastic screw capped vial using approved guidelines.
Rejection Criteria: Polymer gel separation tube (SST or PST).
Stability: Room Temperature: 14 day(s)
Refrigerated: 1 month(s)
Frozen (-20 °C): 1 month(s)
Scope of Analysis: LC-MS/MS (83789): Furosemide
Method (CPT Code)

Compound Name	Units	Reference Comment
Furosemide	ng/mL	Mean peak serum levels of 2300 +/- 500 ng/mL were obtained approximately 1 hour after a single oral dose of 80 mg furosemide in fasting subjects.

52155U Furosemide Confirmation, Urine (Forensic) (CSA)

Summary of Changes: Stability was changed.
Reference Comment was changed.
Units were changed.
Methods/CPT Codes were changed [LC-MS/MS (83789)]

New Tests and Test Updates

Test Changes

Stability: Room Temperature: 28 day(s)
Refrigerated: 28 day(s)
Frozen (-20 °C): 28 day(s)
Scope of Analysis: LC-MS/MS (83789): Furosemide
Method (CPT Code)

Compound Name	Units	Reference Comment
Furosemide	ng/mL	A peak urine concentration of 16000 ng/mL was reported in a healthy volunteer at 8 hours following a single 40 mg oral dose of furosemide.

9545B Furosemide Screen (Add-On), Blood (Forensic) (CSA)

Summary of Changes: Specimen Requirements (Specimen Container) were changed.
Stability was changed.
Reference Comment was changed.
Units were changed.
Methods/CPT Codes were changed [LC-MS/MS (80100)]

Specimen Requirements: 2 mL Blood
Transport Temperature: Refrigerated
Specimen Container: Lavender top tube (EDTA)
Light Protection: Not Required
Special Handling: None
Rejection Criteria: None
Stability: Room Temperature: 30 day(s)
Refrigerated: 30 day(s)
Frozen (-20 °C): 30 day(s)
Scope of Analysis: LC-MS/MS (80100): Furosemide
Method (CPT Code)

Compound Name	Units	Reference Comment
Furosemide	ng/mL	Mean peak serum levels of 2300 +/- 500 ng/mL were obtained approximately 1 hour after a single oral dose of 80 mg furosemide in fasting subjects. The blood to plasma ratio of furosemide is not known.

9545SP Furosemide Screen (Add-On), Serum/Plasma (Forensic) (CSA)

Summary of Changes: Specimen Requirements were changed.
Specimen Requirements (Specimen Container) were changed.
Specimen Requirements (Special Handling) were changed.
Stability was changed.
Reference Comment was changed.
Units were changed.
Methods/CPT Codes were changed [LC-MS/MS (80100)]

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: 1 month(s) Frozen (-20 °C): 1 month(s)
Scope of Analysis: Method (CPT Code)	LC-MS/MS (80100): Furosemide

Compound Name	Units	Reference Comment
Furosemide	ng/mL	Mean peak serum levels of 2300 +/- 500 ng/mL were obtained approximately 1 hour after a single oral dose of 80 mg furosemide in fasting subjects.

9545U Furosemide Screen (Add-On), Urine (Forensic) (CSA)

Summary of Changes:	Specimen Requirements were changed. Specimen Requirements (Specimen Container) were changed. Stability was changed. Reference Comment was changed. Units were changed. Methods/CPT Codes were changed [LC-MS/MS (80100)]

Specimen Requirements:	2 mL Urine
Transport Temperature:	Refrigerated
Specimen Container:	Plastic container (preservative-free)
Light Protection:	Not Required
Special Handling:	None
Rejection Criteria:	None
Stability:	Room Temperature: 28 day(s) Refrigerated: 28 day(s) Frozen (-20 °C): 28 day(s)
Scope of Analysis: Method (CPT Code)	LC-MS/MS (80100): Furosemide

Compound Name	Units	Reference Comment
Furosemide	ng/mL	A peak urine concentration of 16000 ng/mL was reported in a healthy volunteer at 8 hours following a single 40 mg oral dose of furosemide.

New Tests and Test Updates

Test Changes

2140B Furosemide, Blood

Summary of Changes:
Specimen Requirements (Specimen Container) were changed.
Stability was changed.
Reference Comment was changed.
Units were changed.
Methods/CPT Codes were changed [LC-MS/MS (83789)]

Specimen Requirements: 1 mL Blood
Transport Temperature: Refrigerated
Specimen Container: Lavender top tube (EDTA)
Light Protection: Not Required
Special Handling: None
Rejection Criteria: None
Stability: Room Temperature: 30 day(s)
Refrigerated: 30 day(s)
Frozen (-20 °C): 30 day(s)
Scope of Analysis: Method (CPT Code): LC-MS/MS (83789): Furosemide

Compound Name	Units	Reference Comment
Furosemide	ng/mL	Mean peak serum levels of 2300 +/- 500 ng/mL were obtained approximately 1 hour after a single oral dose of 80 mg furosemide in fasting subjects. The blood to plasma ratio of furosemide is not known.

2140SP Furosemide, Serum/Plasma

Summary of Changes:
Specimen Requirements were changed.
Specimen Requirements (Specimen Container) were changed.
Specimen Requirements (Special Handling) were changed.
Stability was changed.
Reference Comment was changed.
Units were changed.
Methods/CPT Codes were changed [LC-MS/MS (83789)]

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: 1 month(s)
Frozen (-20 °C): 1 month(s)
Scope of Analysis: LC-MS/MS (83789): Furosemide
Method (CPT Code)

Compound Name	Units	Reference Comment
Furosemide	ng/mL	Mean peak serum levels of 2300 +/- 500 ng/mL were obtained approximately 1 hour after a single oral dose of 80 mg furosemide in fasting subjects.

2140U Furosemide, Urine

Summary of Changes: Stability was changed.
Reference Comment was changed.
Units were changed.
Methods/CPT Codes were changed [LC-MS/MS (83789)]

Stability: Room Temperature: 28 day(s)
Refrigerated: 28 day(s)
Frozen (-20 °C): 28 day(s)
Scope of Analysis: LC-MS/MS (83789): Furosemide
Method (CPT Code)

Compound Name	Units	Reference Comment
Furosemide	ng/mL	A peak urine concentration of 16000 ng/mL was reported in a healthy volunteer at 8 hours following a single 40 mg oral dose of furosemide.

52156B Hydrochlorothiazide Confirmation, Blood (Forensic) (CSA)

Summary of Changes: Specimen Requirements (Specimen Container) were changed.
Stability was changed.
Reference Comment was changed.
Units were changed.
Methods/CPT Codes were changed [LC-MS/MS (83789)]

Specimen Requirements: 1 mL Blood
Transport Temperature: Refrigerated
Specimen Container: Lavender top tube (EDTA)
Light Protection: Not Required
Special Handling: None
Rejection Criteria: None
Stability: Room Temperature: 7 day(s)
Refrigerated: 1 month(s)
Frozen (-20 °C): 1 month(s)

New Tests and Test Updates

Test Changes

Scope of Analysis: LC-MS/MS (83789): Hydrochlorothiazide
Method (CPT Code)

Compound Name	Units	Reference Comment
Hydrochlorothiazide	ng/mL	Daily administration of oral hydrochlorothiazide produced the following plasma concentrations in hypertensive patients: 25 mg = 17 +/-8 ng/mL trough and 76 +/- 26 ng/mL 5 hours post dose 75 mg = 34 +/- 17 ng/mL trough and 200 +/- 93 ng/mL 5 hours post dose. The blood to plasma ratio for hydrochlorothiazide is approximately 2.

52156SP Hydrochlorothiazide Confirmation, Serum/Plasma (Forensic) (CSA)

Summary of Changes:
Specimen Requirements were changed.
Specimen Requirements (Specimen Container) were changed.
Stability was changed.
Reference Comment was changed.
Units were changed.
Methods/CPT Codes were changed [LC-MS/MS (83789)]

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: 1 month(s)
Frozen (-20 °C): 1 month(s)

Scope of Analysis: LC-MS/MS (83789): Hydrochlorothiazide
Method (CPT Code)

New Tests and Test Updates

Test Changes

Compound Name	Units	Reference Comment
Hydrochlorothiazide	ng/mL	Daily administration of oral hydrochlorothiazide produced the following plasma concentrations in hypertensive patients: 25 mg = 17 +/-8 ng/mL trough and 76 +/- 26 ng/mL 5 hours post dose 75 mg = 34 +/- 17 ng/mL trough and 200 +/- 93 ng/mL 5 hours post dose.

52156U Hydrochlorothiazide Confirmation, Urine (Forensic) (CSA)

Summary of Changes: Reference Comment was changed.
Units were changed.
Methods/CPT Codes were changed [LC-MS/MS (83789)]

Scope of Analysis: Method (CPT Code): LC-MS/MS (83789): Hydrochlorothiazide

Compound Name	Units	Reference Comment
Hydrochlorothiazide	ng/mL	A single 25 mg dose of hydrochlorothiazide produced a peak urinary concentration of 19000 ng/mL of the parent compound.

9546B Hydrochlorothiazide Screen (Add-On), Blood (Forensic) (CSA)

Summary of Changes: Specimen Requirements (Specimen Container) were changed.
Stability was changed.
Reference Comment was changed.
Units were changed.
Methods/CPT Codes were changed [LC-MS/MS (80100)]

Specimen Requirements: 2 mL Blood
Transport Temperature: Refrigerated
Specimen Container: Lavender top tube (EDTA)
Light Protection: Not Required
Special Handling: None
Rejection Criteria: None
Stability: Room Temperature: 7 day(s)
Refrigerated: 1 month(s)
Frozen (-20 °C): 1 month(s)
Scope of Analysis: Method (CPT Code): LC-MS/MS (80100): Hydrochlorothiazide

New Tests and Test Updates

Test Changes

Compound Name	Units	Reference Comment
Hydrochlorothiazide	ng/mL	Daily administration of oral hydrochlorothiazide produced the following plasma concentrations in hypertensive patients: 25 mg = 17 +/-8 ng/mL trough and 76 +/- 26 ng/mL 5 hours post dose 75 mg = 34 +/- 17 ng/mL trough and 200 +/- 93 ng/mL 5 hours post dose. The blood to plasma ratio for hydrochlorothiazide is approximately 2.

9546SP Hydrochlorothiazide Screen (Add-On), Serum/Plasma (Forensic) (CSA)

Summary of Changes:	Specimen Requirements were changed. Specimen Requirements (Specimen Container) were changed. Specimen Requirements (Special Handling) were changed. Stability was changed. Reference Comment was changed. Units were changed. Methods/CPT Codes were changed [LC-MS/MS (80100)]
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: 7 day(s) Refrigerated: 1 month(s) Frozen (-20 °C): 1 month(s)
Scope of Analysis: Method (CPT Code)	LC-MS/MS (80100): Hydrochlorothiazide

New Tests and Test Updates

Test Changes

Compound Name	Units	Reference Comment
Hydrochlorothiazide	ng/mL	Daily administration of oral hydrochlorothiazide produced the following plasma concentrations in hypertensive patients: 25 mg = 17 +/-8 ng/mL trough and 76 +/- 26 ng/mL 5 hours post dose 75 mg = 34 +/- 17 ng/mL trough and 200 +/- 93 ng/mL 5 hours post dose.

9546U Hydrochlorothiazide Screen (Add-On), Urine (Forensic) (CSA)

Summary of Changes: Specimen Requirements were changed.
Reference Comment was changed.
Units were changed.
Methods/CPT Codes were changed [LC-MS/MS (80100)]

Specimen Requirements: 2 mL Urine
Transport Temperature: Refrigerated
Specimen Container: Plastic container (preservative-free)
Light Protection: Not Required
Special Handling: None
Rejection Criteria: None
Scope of Analysis: Method (CPT Code): LC-MS/MS (80100): Hydrochlorothiazide

Compound Name	Units	Reference Comment
Hydrochlorothiazide	ng/mL	A single 25 mg dose of hydrochlorothiazide produced a peak urinary concentration of 19000 ng/mL of the parent compound.

2330B Hydrochlorothiazide, Blood

Summary of Changes: Specimen Requirements (Specimen Container) were changed.
Stability was changed.
Reference Comment was changed.
Units were changed.
Methods/CPT Codes were changed [LC-MS/MS (83789)]

New Tests and Test Updates

Test Changes

Specimen Requirements:	1 mL Blood
Transport Temperature:	Refrigerated
Specimen Container:	Lavender top tube (EDTA)
Light Protection:	Not Required
Special Handling:	None
Rejection Criteria:	None
Stability:	Room Temperature: 7 day(s) Refrigerated: 1 month(s) Frozen (-20 °C): 1 month(s)
Scope of Analysis: Method (CPT Code)	LC-MS/MS (83789): Hydrochlorothiazide

Compound Name	Units	Reference Comment
Hydrochlorothiazide	ng/mL	Daily administration of oral hydrochlorothiazide produced the following plasma concentrations in hypertensive patients: 25 mg = 17 +/-8 ng/mL trough and 76 +/- 26 ng/mL 5 hours post dose 75 mg = 34 +/- 17 ng/mL trough and 200 +/- 93 ng/mL 5 hours post dose. The blood to plasma ratio for hydrochlorothiazide is approximately 2.

2330SP Hydrochlorothiazide, Serum/Plasma

Summary of Changes:	Specimen Requirements were changed. Specimen Requirements (Specimen Container) were changed. Specimen Requirements (Special Handling) were changed. Stability was changed. Reference Comment was changed. Units were changed. Methods/CPT Codes were changed [LC-MS/MS (83789)]

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: 7 day(s)
Refrigerated: 1 month(s)
Frozen (-20 °C): 1 month(s)
Scope of Analysis: LC-MS/MS (83789): Hydrochlorothiazide
Method (CPT Code)

Compound Name	Units	Reference Comment
Hydrochlorothiazide	ng/mL	Daily administration of oral hydrochlorothiazide produced the following plasma concentrations in hypertensive patients: 25 mg = 17 +/-8 ng/mL trough and 76 +/- 26 ng/mL 5 hours post dose 75 mg = 34 +/- 17 ng/mL trough and 200 +/- 93 ng/mL 5 hours post dose.

2330U Hydrochlorothiazide, Urine

Summary of Changes: Reference Comment was changed.
Units were changed.
Methods/CPT Codes were changed [LC-MS/MS (83789)]

Scope of Analysis: LC-MS/MS (83789): Hydrochlorothiazide
Method (CPT Code)

Compound Name	Units	Reference Comment
Hydrochlorothiazide	ng/mL	A single 25 mg dose of hydrochlorothiazide produced a peak urinary concentration of 19000 ng/mL of the parent compound.

2345SP Hydroflumethiazide, Serum/Plasma

Summary of Changes: Specimen Requirements were changed.
Specimen Requirements (Specimen Container) were changed.
Specimen Requirements (Special Handling) were changed.
Stability was changed.
Reference Comment was changed.
Units were changed.
Methods/CPT Codes were changed [LC-MS/MS (83789)]

Test Changes

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

Compound Name	Units	Reference Comment
Hydroflumethiazide	ng/mL	Peak plasma concentrations averaged 530 +/- 150 ng/mL in 6 healthy subjects taking 100 mg daily hydroflumethiazide for seven days.

3042B Metolazone, Blood

Summary of Changes:	Specimen Requirements (Specimen Container) were changed. Stability was changed. Reference Comment was changed. Units were changed. Methods/CPT Codes were changed [LC-MS/MS (83789)]

Specimen Requirements:	1 mL Blood
Transport Temperature:	Refrigerated
Specimen Container:	Lavender top tube (EDTA)
Light Protection:	Not Required
Special Handling:	None
Rejection Criteria:	None
Stability:	Room Temperature: 14 day(s) Refrigerated: 1 month(s) Frozen (-20 °C): 1 month(s)
Scope of Analysis: Method (CPT Code)	LC-MS/MS (83789): Metolazone

Compound Name	Units	Reference Comment
Metolazone	ng/mL	Peak blood concentrations averaged 70 ng/mL following a single 7.5 mg oral dose of metolazone in 6 healthy subjects.

New Tests and Test Updates

Test Changes

3042SP Metolazone, Serum/Plasma

Summary of Changes: Specimen Requirements were changed.
Specimen Requirements (Specimen Container) were changed.
Specimen Requirements (Special Handling) were changed.
Stability was changed.
Reference Comment was changed.
Units were changed.
Methods/CPT Codes were changed [LC-MS/MS (83789)]

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: 1 month(s)
Frozen (-20 °C): 1 month(s)
Scope of Analysis: Method (CPT Code) LC-MS/MS (83789): Metolazone

Compound Name	Units	Reference Comment
Metolazone	ng/mL	Peak blood concentrations averaged 70 ng/mL following a single 7.5 mg oral dose of metolazone in 6 healthy subjects. The blood to plasma ratio for metolazone is approximately 0.8 to 1.

4486B Titanium, Blood

Summary of Changes: Specimen Requirements were changed.

Specimen Requirements: 1 mL Blood
Transport Temperature: Refrigerated
Specimen Container: Royal Blue top tube (Trace metal-free; EDTA)
Light Protection: Not Required
Special Handling: Clotted Blood specimens are not acceptable.
Submit in container with a non-Heparin based anticoagulant. Tubes containing Heparin based anticoagulants are not acceptable.
Rejection Criteria: Light Green top tube (Lithium Heparin). Tan top tube - glass (Sodium Heparin). Royal Blue top tube (Trace metal-free; Sodium Heparin). Green top tube (Sodium Heparin).

New Tests and Test Updates

Test Changes

4540B Triamterene, Blood

Summary of Changes: Specimen Requirements (Specimen Container) were changed.
Stability was changed.
Reference Comment was changed.
Methods/CPT Codes were changed [LC-MS/MS (83789)]

Specimen Requirements: 1 mL Blood
Transport Temperature: Refrigerated
Specimen Container: Lavender top tube (EDTA)
Light Protection: Not Required
Special Handling: None
Rejection Criteria: None
Stability: Room Temperature: 7 day(s)
Refrigerated: 1 month(s)
Frozen (-20 °C): 1 month(s)
Scope of Analysis: Method (CPT Code): LC-MS/MS (83789): Triamterene

Compound Name	Units	Reference Comment
Triamterene	ng/mL	Chronic oral administration of 75 mg triamterene in combination with 50 mg hydrochlorothiazide resulted in peak plasma concentrations of 200 +/- 130 ng/mL triamterene. The blood to plasma ratio for triamterene is approximately 1.

4540SP Triamterene, Serum/Plasma

Summary of Changes: Specimen Requirements (Specimen Container) were changed.
Specimen Requirements (Special Handling) were changed.
Stability was changed.
Reference Comment was changed.
Methods/CPT Codes were changed [LC-MS/MS (83789)]

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: 1 month(s)
Refrigerated: 1 month(s)
Frozen (-20 °C): 1 month(s)
Scope of Analysis: LC-MS/MS (83789): Triamterene
Method (CPT Code)

Compound Name	Units	Reference Comment
Triamterene	ng/mL	Chronic oral administration of 75 mg triamterene in combination with 50 mg hydrochlorothiazide resulted in peak plasma concentrations of 200 +/- 130 ng/mL triamterene.

New Tests and Test Updates

Discontinued Tests

Test Code	Test Name	Alternative Test
0615SP	Benzthiazide, Serum/Plasma	No Alternate Tests Available
1411B	Cyclohexanone, Blood (CSA)	No Alternate Tests Available
9328U	Gamma-Hydroxybutyric Acid Screen, Urine (CSA)	No Alternate Tests Available
2330FL	Hydrochlorothiazide, Fluid	2330B - Hydrochlorothiazide, Blood 2330SP - Hydrochlorothiazide, Serum/Plasma 2330U - Hydrochlorothiazide, Urine
2330TI	Hydrochlorothiazide, Tissue	2330B - Hydrochlorothiazide, Blood 2330SP - Hydrochlorothiazide, Serum/Plasma 2330U - Hydrochlorothiazide, Urine
2245B	Metal Implant Panel, Blood (CSA)	No Alternate Tests Available
2865SP	Methazolamide, Serum/Plasma (CSA)	No Alternate Tests Available
2953B	Methyclothiazide, Blood	2953U - Methyclothiazide, Urine
2953SP	Methyclothiazide, Serum/Plasma	2953U - Methyclothiazide, Urine
3065SP	Mitotane, Serum/Plasma (CSA)	No Alternate Tests Available
3093B	Molybdenum, Blood (CSA)	No Alternate Tests Available
5439B	Triamterene Confirmation, Blood	No Alternate Tests Available
5439SP	Triamterene Confirmation, Serum/Plasma	No Alternate Tests Available
9283B	Triamterene Screen, Blood	4540B - Triamterene, Blood
9283SP	Triamterene Screen, Serum/Plasma	4540SP - Triamterene, Serum/Plasma
4615B	Trichlormethiazide, Blood	4615U - Trichlormethiazide, Urine
4615SP	Trichlormethiazide, Serum/Plasma	4615U - Trichlormethiazide, Urine
4627U	Trichloroacetic Acid, Urine	4624U - Trichloroacetic Acid, Urine

NMS LABS
3701 Welsh Road
Willow Grove, PA 19090
www.NMSLabs.com