Effective Date:

Monday, January 07, 2019

Test Updates

In our continuing effort to provide you with the highest quality toxicology laboratory services available, we have compiled important changes regarding a number of tests we perform. Listed below are the types of changes that may be included in this notification, effective Monday, January 07, 2019

Test Changes - Tests that have had changes to the method/ CPT code, units of measurement, scope of analysis, reference comments, or specimen requirements.

Discontinued Tests - Tests being discontinued with alternate testing suggestions.

Please use this information to update your computer systems/records. These changes are important to ensure standardization of our mutual laboratory databases.

If you have any questions about the information contained in this notification, please call our Client Support Department at (866) 522-2206. Thank you for your continued support of NMS Labs and your assistance in implementing these changes.

The CPT Codes provided in this document are based on AMA guidelines and are for informational purposes only. NMS Labs does not assume responsibility for billing errors due to reliance on the CPT Codes listed in this document.

Test Updates

Test Code	Test Name	Test Name	Method / CPT Code	Specimen Req.	Stability	Scope	Units	Reference Comments	Discontinue
0088U	Acetonitrile Exposure Profile, Urine		•	•	•			•	
0148U	Acrylonitrile Exposure Profile, Urine		•	•	•			•	
0213B	Allopurinol and Metabolite, Blood								•
0213SP	Allopurinol and Metabolite, Serum/Plasma		•		•			•	
0982SP	Carbidopa, Serum/Plasma								•
52152B	Cimetidine Confirmation, Blood (CSA)		•	•	•			•	
52152SP	Cimetidine Confirmation, Serum/Plasma (CSA)		•	•	•			•	
52152U	Cimetidine Confirmation, Urine (CSA)		•	•	•			•	
9542B	Cimetidine Screen (Add-On), Blood (Forensic) (CSA)		•	•	•			•	
9542SP	Cimetidine Screen (Add-On), Serum/Plasma (Forensic) (CSA)		•	•	•			•	
9542U	Cimetidine Screen (Add-On), Urine (Forensic) (CSA)		•	•	•			•	
1262B	Cimetidine, Blood		•	•	•			•	
1262SP	Cimetidine, Serum/Plasma		•	•	•			•	
1262U	Cimetidine, Urine		•	•	•				
54228B	Dicyclomine Confirmation (DUID/DRE), Blood		•	•	•			•	
54228U	Dicyclomine Confirmation (Qualitative) (DUID/DRE), Urine		•		•			•	
52028B	Dicyclomine Confirmation, Blood		•	•	•			•	
5498B	Dicyclomine Confirmation, Blood								•
52028FL	Dicyclomine Confirmation, Fluid		•	•					
52028SP	Dicyclomine Confirmation, Serum/Plasma		•	•	•			•	
52028TI	Dicyclomine Confirmation, Tissue		•	•					
52028U	Dicyclomine Confirmation, Urine		•		•				
9151B	Dicyclomine Screen, Blood								•
1575B	Dicyclomine, Blood		•	•	•			•	
1575SP	Dicyclomine, Serum/Plasma		•	•	•			•	
1575U	Dicyclomine, Urine		•		•				
1902B	Duexis®, Blood								•
1902SP	Duexis®, Serum/Plasma								•
9323SP	Ethane, Serum/Plasma								•
2055SP	Ethylene Glycol Overexposure Profile, Serum/Plasma		•	•				•	
2068B	Famotidine, Blood		•	•	•			•	

Test Updates

Test Code	Test Name	Test Name	Method / CPT Code	Specimen Req.	Stability	Scope	Units	Reference Comments	Discontinue
2068SP	Famotidine, Serum/Plasma								•
2134SP	Formic Acid, Serum/Plasma		•	•	•			•	
2134U	Formic Acid, Urine		•	•	•			•	
52052B	Guaifenesin Confirmation, Blood			•	•			•	
52052FL	Guaifenesin Confirmation, Fluid			•					
52052SP	Guaifenesin Confirmation, Serum/Plasma				•			•	
2185B	Guaifenesin, Blood			•	•			•	
2185SP	Guaifenesin, Serum/Plasma				•			•	
54260B	Levetiracetam Confirmation (DUID/DRE), Blood		•	•	•			•	
54260U	Levetiracetam Confirmation (Qualitative) (DUID/DRE), Urine		•	•	•				
52060B	Levetiracetam Confirmation, Blood		•	•	•			•	
52060FL	Levetiracetam Confirmation, Fluid		•					•	
52060SP	Levetiracetam Confirmation, Serum/Plasma		•		•			•	
52060TI	Levetiracetam Confirmation, Tissue		•					•	
52060U	Levetiracetam Confirmation, Urine		•	•	•				
2505B	Levetiracetam, Blood		•	•	•			•	
2505SP	Levetiracetam, Serum/Plasma		•		•			•	
2504SP	Levodopa, Serum/Plasma		•		•			•	
2836U	Methanol Exposure Profile, Urine		•	•	•			•	
2837SP	Methanol Poisoning Profile, Serum/Plasma		•	•				•	
2834B	Methanol, Blood								•
2834SP	Methanol, Serum/Plasma								•
2834U	Methanol, Urine								•
54276B	Methocarbamol Confirmation (DUID/DRE), Blood		•	•	•			•	
52076B	Methocarbamol Confirmation, Blood		•	•	•			•	
52076FL	Methocarbamol Confirmation, Fluid		•	•					
52076SP	Methocarbamol Confirmation, Serum/Plasma		•	•	•			•	
52076TI	Methocarbamol Confirmation, Tissue		•						
2900B	Methocarbamol, Blood		•	•	•			•	
2900FL	Methocarbamol, Fluid		•	•					
2900SP	Methocarbamol, Serum/Plasma		•	•	•			•	

Test Updates

Test Code	Test Name	Test Name	Method / CPT Code	Specimen Req.	Stability	Scope	Units	Reference Comments	Discontinue
3063SP	Mycophenolic Acid and Metabolite, Serum/Plasma		•	•	•	•		•	
54291B	Olanzapine Confirmation (DUID/DRE), Blood		•	•	•			•	
54291U	Olanzapine Confirmation (Qualitative) (DUID/DRE), Urine		•	•	•				
52091B	Olanzapine Confirmation, Blood		•	•	•			•	
52091SP	Olanzapine Confirmation, Serum/Plasma		•	•	•			•	
52091U	Olanzapine Confirmation, Urine		•	•	•				
3226B	Olanzapine and Metabolite, Blood	•	•	•	•	•		•	
3226SP	Olanzapine and Metabolite, Serum/Plasma	•	•	•	•	•		•	
10198SP	Olanzapine and Metabolite, Serum/Plasma (CSA)			•	•				
3226FL	Olanzapine, Fluid		•	•					
10196SP	Olanzapine, Serum/Plasma (CSA)			•	•				
3226TI	Olanzapine, Tissue		•	•					
3932B	Procainamide and Metabolite, Blood		•	•	•			•	
3932SP	Procainamide and Metabolite, Serum/Plasma		•	•	•			•	
52107B	Procainamide and NAPA Confirmation, Blood		•	•	•			•	
52107FL	Procainamide and NAPA Confirmation, Fluid								•
52107SP	Procainamide and NAPA Confirmation, Serum/Plasma		•	•	•			•	
52107TI	Procainamide and NAPA Confirmation, Tissue								•
52107U	Procainamide and NAPA Confirmation, Urine		•	•	•				
52159FL	Ranitidine Confirmation, Fluid (CSA)		•	•					
52159SP	Ranitidine Confirmation, Serum/Plasma (CSA)		•	•	•			•	
52159U	Ranitidine Confirmation, Urine (CSA)		•	•	•				
9549B	Ranitidine Screen (Add-On), Blood (Forensic) (CSA)		•	•	•				
9549FL	Ranitidine Screen (Add-On), Fluid (Forensic) (CSA)		•	•					
9549SP	Ranitidine Screen (Add-On), Serum/Plasma (Forensic) (CSA)		•	•	•			•	
9549U	Ranitidine Screen (Add-On), Urine (Forensic) (CSA)		•	•	•				
4085B	Ranitidine, Blood		•	•	•				
4085SP	Ranitidine, Serum/Plasma		•	•	•				
4085U	Ranitidine, Urine		•	•	•				

Test Updates

Test Code	Test Name	Test Name	Method / CPT Code	Specimen Req.	Stability	Scope	Units	Reference Comments	Discontinue
4205SP	Sinemet®, Serum/Plasma		•	•	•			•	
4211B	Stiripentol, Blood		•	•	•			•	
4211SP	Stiripentol, Serum/Plasma		•	•	•			•	
3230B	Symbyax®, Blood								•
3230SP	Symbyax®, Serum/Plasma								•
54135B	Xylazine Confirmation (DUID/DRE), Blood		•	•	•		•	•	
54135U	Xylazine Confirmation (Qualitative) (DUID/DRE), Urine		•		•		•	•	
52135B	Xylazine Confirmation, Blood		•	•	•		•		
52135FL	Xylazine Confirmation, Fluid		•				•		
52135SP	Xylazine Confirmation, Serum/Plasma		•	•	•		•		
52135TI	Xylazine Confirmation, Tissue		•				•		
52135U	Xylazine Confirmation, Urine		•		•		•		
4815B	Xylazine, Blood		•	•	•		•		
4815SP	Xylazine, Serum/Plasma		•	•	•		•		
4815TI	Xylazine, Tissue		•				•		
4815U	Xylazine, Urine		•		•				

Test Updates

Test Changes

0088U Acetonitrile Exposure Profile, Urine

Summary of Changes:	Specimen Requirements (Transport Temperature) were changed. Specimen Requirements (Special Handling) were changed. Specimen Requirements (Rejection Criteria) were changed. Stability was changed. Reference Comment was changed. Methods/CPT Codes were changed [GC/MS (83921)]

Specimen Requirements:	4 mL Urine
Transport Temperature:	Frozen
Specimen Container:	Plastic container (preservative-free)
Light Protection:	Not Required
Special Handling:	Freeze immediately and ship with dry ice.
Rejection Criteria:	Received Room Temperature. Received Refrigerated.
Stability:	Room Temperature: Not Stable Refrigerated: Not Stable Frozen (-20 °C): 3 month(s)
Scope of Analysis: Method (CPT Code)	GC/MS (83921): Formic Acid, Formic Acid (Creatinine corrected) IC (84430): Thiocyanate, Thiocyanate (Creatinine corrected) Colorimetry (82570): Creatinine

Compound Name	Units	Reference Comment
Formic Acid	mcg/mL	In a study of 70 non-exposed individuals, the median level of formic acid in urine was 13.6 mcg/mL (range 1.0 - 95 mcg/mL). Formic acid is also a metabolite of methanol, formaldehyde, and methyl formate among others. Values may vary depending on environmental and occupational exposures, diet, nutritional condition, and pregnancy status.
Formic Acid (Creatinine corrected)	mg/g Creat	In a study of 70 non-exposed individuals, the median level of formic acid in urine was 14 mg/g creatinine with the 95th percentile at 23 mg/g creatinine (range 1.2 - 280 mg/g creatinine). Formic acid is also a metabolite of methanol, formaldehyde, and methyl formate among others. Values may vary depending on environmental and occupational exposures, diet, nutritional condition, and pregnancy status.

0148U Acrylonitrile Exposure Profile, Urine

Test Updates

Test Changes

Summary of Changes: Specimen Requirements (Transport Temperature) were changed.
Specimen Requirements (Special Handling) were changed.
Specimen Requirements (Rejection Criteria) were changed.
Stability was changed.
Reference Comment was changed.
Methods/CPT Codes were changed [GC/MS (83921)]

Specimen Requirements: 4 mL Urine
Transport Temperature: Frozen
Specimen Container: Plastic container (preservative-free)
Light Protection: Not Required
Special Handling: Freeze immediately and ship with dry ice.
Rejection Criteria: Received Room Temperature. Received Refrigerated.
Stability: Room Temperature: Not Stable
Refrigerated: Not Stable
Frozen (-20 °C): 3 month(s)
Scope of Analysis: GC/MS (83921): Formic Acid, Formic Acid (Creatinine corrected)
Method (CPT Code) IC (84430): Thiocyanate, Thiocyanate (Creatinine corrected)
Colorimetry (82570): Creatinine

Compound Name	Units	Reference Comment
Formic Acid	mcg/mL	In a study of 70 non-exposed individuals, the median level of formic acid in urine was 13.6 mcg/mL (range 1.0 - 95 mcg/mL). Formic acid is also a metabolite of methanol, formaldehyde, and methyl formate among others. Values may vary depending on environmental and occupational exposures, diet, nutritional condition, and pregnancy status.
Formic Acid (Creatinine corrected)	mg/g Creat	In a study of 70 non-exposed individuals, the median level of formic acid in urine was 14 mg/g creatinine with the 95th percentile at 23 mg/g creatinine (range 1.2 - 280 mg/g creatinine). Formic acid is also a metabolite of methanol, formaldehyde, and methyl formate among others. Values may vary depending on environmental and occupational exposures, diet, nutritional condition, and pregnancy status.

0213SP Allopurinol and Metabolite, Serum/Plasma

Summary of Changes: Stability was changed.
Reference Comment was changed.
Methods/CPT Codes were changed [LC-MS/MS (80375)]

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

Test Updates

Test Changes

Scope of Analysis: LC-MS/MS (80375): Oxypurinol, Allopurinol
Method (CPT Code)

Compound Name	Units	Reference Comment
Oxypurinol	mcg/mL	Peak plasma oxypurinol concentrations after a single 300 mg oral dose of allopurinol averaged 6.5 mcg/mL at 4.5 hours. After seven daily oral doses of 300 mg allopurinol, reported peak plasma concentrations of oxypurinol averaged 12 mcg/mL.
Allopurinol	mcg/mL	Peak plasma allopurinol concentrations after a single 300 mg oral dose averaged 3 mcg/mL at 1.5 hours. After seven daily oral doses of 300 mg, reported peak plasma concentrations of allopurinol averaged 1.2 mcg/mL.

52152B Cimetidine Confirmation, Blood (CSA)

Summary of Changes: Specimen Requirements were changed.
Stability was changed.
Reference Comment was changed.
Methods/CPT Codes were changed [LC-MS/MS (80375)]

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: LC-MS/MS (80375): Cimetidine
Method (CPT Code)

Compound Name	Units	Reference Comment
Cimetidine	mcg/mL	Therapeutic range for 50% inhibition of gastric acid secretion: 0.5 - 1.0 mcg/mL plasma. The blood to plasma ratio is approximately 1.

52152SP Cimetidine Confirmation, Serum/Plasma (CSA)

Summary of Changes: Specimen Requirements were changed.
Stability was changed.
Reference Comment was changed.
Methods/CPT Codes were changed [LC-MS/MS (80375)]

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: 30 day(s) Refrigerated: 30 day(s) Frozen (-20 °C): 30 day(s)
Scope of Analysis: Method (CPT Code)	LC-MS/MS (80375): Cimetidine

Compound Name	Units	Reference Comment
Cimetidine	mcg/mL	Therapeutic range for 50% inhibition of gastric acid secretion: 0.5 - 1.0 mcg/mL plasma.

52152U Cimetidine Confirmation, Urine (CSA)

Summary of Changes:	Specimen Requirements (Specimen Container) were changed. Stability was changed. Reference Comment was changed. Methods/CPT Codes were changed [LC-MS/MS (80375)]

Specimen Requirements:	1 mL Urine
Transport Temperature:	Refrigerated
Specimen Container:	Plastic container (preservative-free)
Light Protection:	Not Required
Special Handling:	None
Rejection Criteria:	None
Stability:	Room Temperature: 14 day(s) Refrigerated: 30 day(s) Frozen (-20 °C): 30 day(s)
Scope of Analysis: Method (CPT Code)	LC-MS/MS (80375): Cimetidine

Compound Name	Units	Reference Comment
Cimetidine	mcg/mL	No reference data available.

9542B Cimetidine Screen (Add-On), Blood (Forensic) (CSA)

Test Changes

Summary of Changes:	Specimen Requirements were changed. Stability was changed. Reference Comment was changed. Methods/CPT Codes were changed [LC-MS/MS (80307)]

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 (80307): Cimetidine

Compound Name	Units	Reference Comment
Cimetidine	mcg/mL	Therapeutic range for 50% inhibition of gastric acid secretion: 0.5 - 1.0 mcg/mL plasma. The blood to plasma ratio is approximately 1.

9542SP Cimetidine Screen (Add-On), Serum/Plasma (Forensic) (CSA)

Summary of Changes:	Specimen Requirements were changed. Stability was changed. Reference Comment was changed. Methods/CPT Codes were changed [LC-MS/MS (80307)]

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: 30 day(s) Refrigerated: 30 day(s) Frozen (-20 °C): 30 day(s)
Scope of Analysis: Method (CPT Code)	LC-MS/MS (80307): Cimetidine

Test Updates

Test Changes

Compound Name	Units	Reference Comment
Cimetidine	mcg/mL	Therapeutic range for 50% inhibition of gastric acid secretion: 0.5 - 1.0 mcg/mL plasma.

9542U Cimetidine 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.
Methods/CPT Codes 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
Stability: Room Temperature: 14 day(s)
Refrigerated: 30 day(s)
Frozen (-20 °C): 30 day(s)
Scope of Analysis: Method (CPT Code): LC-MS/MS (80307): Cimetidine

Compound Name	Units	Reference Comment
Cimetidine	mcg/mL	No reference data available.

1262B Cimetidine, Blood

Summary of Changes:
Specimen Requirements were changed.
Stability was changed.
Reference Comment was changed.
Methods/CPT Codes were changed [LC-MS/MS (80375)]

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)

Test Updates

Test Changes

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

Compound Name	Units	Reference Comment
Cimetidine	mcg/mL	Therapeutic range for 50% inhibition of gastric acid secretion: 0.5 - 1.0 mcg/mL plasma. The blood to plasma ratio is approximately 1.

1262SP Cimetidine, Serum/Plasma

Summary of Changes: Specimen Requirements were changed.
Stability was changed.
Reference Comment was changed.
Methods/CPT Codes were changed [LC-MS/MS (80375)]

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: 30 day(s)
Refrigerated: 30 day(s)
Frozen (-20 °C): 30 day(s)
Scope of Analysis: LC-MS/MS (80375): Cimetidine
Method (CPT Code)

Compound Name	Units	Reference Comment
Cimetidine	mcg/mL	Therapeutic range for 50% inhibition of gastric acid secretion: 0.5 - 1.0 mcg/mL plasma.

1262U Cimetidine, Urine

Summary of Changes: Specimen Requirements (Specimen Container) were changed.
Stability was changed.
Methods/CPT Codes were changed [LC-MS/MS (80375)]

Test Updates

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
Stability:	Room Temperature: 14 day(s) Refrigerated: 30 day(s) Frozen (-20 °C): 30 day(s)
Scope of Analysis: Method (CPT Code)	LC-MS/MS (80375): Cimetidine

54228B Dicyclomine Confirmation (DUID/DRE), 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 (80375)]

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): 7 day(s)
Scope of Analysis: Method (CPT Code)	LC-MS/MS (80375): Dicyclomine

Compound Name	Units	Reference Comment
Dicyclomine	ng/mL	The peak plasma concentration in a single volunteer following a single oral dose of 20 mg dicyclomine was approximately 20 ng/mL at 1.5 hours. The blood to plasma ratio is unknown for this compound.

54228U Dicyclomine Confirmation (Qualitative) (DUID/DRE), Urine

Summary of Changes:	Stability was changed. Reference Comment was changed. Methods/CPT Codes were changed [LC-MS/MS (80375)]

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 (80375): Dicyclomine
Method (CPT Code)

Compound Name	Units	Reference Comment
Dicyclomine	ng/mL	No reference data available.

52028B Dicyclomine Confirmation, 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 (80375)]

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): 7 day(s)
Scope of Analysis: LC-MS/MS (80375): Dicyclomine
Method (CPT Code)

Compound Name	Units	Reference Comment
Dicyclomine	ng/mL	The peak plasma concentration in a single volunteer following a single oral dose of 20 mg dicyclomine was approximately 20 ng/mL at 1.5 hours. The blood to plasma ratio is unknown for this compound.

52028FL Dicyclomine Confirmation, Fluid

Summary of Changes: Specimen Requirements (Specimen Container) were changed.
Methods/CPT Codes were changed [LC-MS/MS (80375)]

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

52028SP Dicyclomine Confirmation, Serum/Plasma

Summary of Changes:	Specimen Requirements were changed. Stability was changed. Reference Comment was changed. Methods/CPT Codes were changed [LC-MS/MS (80375)]

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: 14 day(s) Frozen (-20 °C): 30 day(s)
Scope of Analysis: Method (CPT Code)	LC-MS/MS (80375): Dicyclomine

Compound Name	Units	Reference Comment
Dicyclomine	ng/mL	The peak plasma concentration in a single volunteer following a single oral dose of 20 mg dicyclomine was approximately 20 ng/mL at 1.5 hours.

52028TI Dicyclomine Confirmation, Tissue

Summary of Changes:	Specimen Requirements (Specimen Container) were changed. Methods/CPT Codes were changed [LC-MS/MS (80375)]

Test Updates

Test Changes

Specimen Requirements:	10 g Tissue
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 (80375): Dicyclomine

52028U Dicyclomine Confirmation, Urine

Summary of Changes:	Stability was changed. Methods/CPT Codes were changed [LC-MS/MS (80375)]
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 (80375): Dicyclomine

1575B Dicyclomine, 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 (80375)]

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): 7 day(s)
Scope of Analysis: Method (CPT Code)	LC-MS/MS (80375): Dicyclomine

Compound Name	Units	Reference Comment
Dicyclomine	ng/mL	The peak plasma concentration in a single volunteer following a single oral dose of 20 mg dicyclomine was approximately 20 ng/mL at 1.5 hours. The blood to plasma ratio is unknown for this compound.

Test Updates

Test Changes

1575SP Dicyclomine, Serum/Plasma

Summary of Changes:	Specimen Requirements were changed. Stability was changed. Reference Comment was changed. Methods/CPT Codes were changed [LC-MS/MS (80375)]

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: 14 day(s) Frozen (-20 °C): 30 day(s)
Scope of Analysis: Method (CPT Code)	LC-MS/MS (80375): Dicyclomine

Compound Name	Units	Reference Comment
Dicyclomine	ng/mL	The peak plasma concentration in a single volunteer following a single oral dose of 20 mg dicyclomine was approximately 20 ng/mL at 1.5 hours.

1575U Dicyclomine, Urine

Summary of Changes:	Stability was changed. Methods/CPT Codes were changed [LC-MS/MS (80375)]

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 (80375): Dicyclomine

2055SP Ethylene Glycol Overexposure Profile, Serum/Plasma

Summary of Changes:	Specimen Requirements were changed. Reference Comment was changed. Methods/CPT Codes were changed [GC/MS (83921)]

Test Updates

Test Changes

Specimen Requirements:	5 mL Serum or Plasma
Transport Temperature:	Frozen
Specimen Container:	Plastic container (preservative-free)
Light Protection:	Not Required
Special Handling:	Serum: Collect sample in Red top tube Plasma: Collect sample in Green top tube (Sodium Heparin) Promptly centrifuge with refrigeration and separate Serum or Plasma into chilled plastic screw capped vial using approved guidelines. Freeze immediately and ship with dry ice. Ascorbic acid at very high concentration (exceeding 51 mcmol/mL plasma) can interfere. It is recommended that patients refrain from taking excessive amounts of vitamin C or vitamin C rich food for at least 48 hours prior to collection.
Rejection Criteria:	Received Room Temperature. Received Refrigerated. Gray top tube (Sodium Fluoride / Potassium Oxalate). Polymer gel separation tube (SST or PST).
Scope of Analysis: Method (CPT Code)	EZA (83945): Oxalate GC (82693): Ethylene Glycol GC/MS (83921): Formic Acid

Compound Name	Units	Reference Comment
Formic Acid	mcg/mL	Normal plasma formic acid range is 1 - 9 mcg/mL (in pregnant women, 0.5 - 44 mcg/mL). Formic acid is also a metabolite of methanol, formaldehyde, and methyl formate among others. Values may vary depending on environmental and occupational exposures, diet, nutritional condition, and pregnancy status.

2068B Famotidine, Blood

Summary of Changes:	Specimen Requirements were changed. Stability was changed. Reference Comment was changed. Methods/CPT Codes were changed [LC-MS/MS (80375)]

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.
Stability:	Room Temperature: 2 day(s) Refrigerated: 30 day(s) Frozen (-20 °C): 7 day(s)
Scope of Analysis: Method (CPT Code)	LC-MS/MS (80375): Famotidine

Test Updates

Test Changes

Compound Name	Units	Reference Comment
Famotidine	ng/mL	Therapeutic range for gastric pH of 4.0: 18 +/- 11 ng/mL

2134SP Formic Acid, Serum/Plasma

Summary of Changes:
Specimen Requirements were changed.
Specimen Requirements (Special Handling) were changed.
Specimen Requirements (Rejection Criteria) were changed.
Stability was changed.
Reference Comment was changed.
Methods/CPT Codes were changed [GC/MS (83921)]

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 Gray top tube (Sodium Fluoride / Potassium Oxalate) or Green top tube (Sodium Heparin).
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: 30 day(s)
Frozen (-20 °C): 3 month(s)
Scope of Analysis: GC/MS (83921): Formic Acid
Method (CPT Code)

Compound Name	Units	Reference Comment
Formic Acid	mcg/mL	Normal plasma formic acid range is 1 - 9 mcg/mL (in pregnant women, 0.5 - 44 mcg/mL). Formic acid is also a metabolite of methanol, formaldehyde, and methyl formate among others. Values may vary depending on environmental and occupational exposures, diet, nutritional condition, and pregnancy status.

2134U Formic Acid, Urine

Summary of Changes:
Specimen Requirements (Transport Temperature) were changed.
Specimen Requirements (Special Handling) were changed.
Stability was changed.
Reference Comment was changed.
Methods/CPT Codes were changed [GC/MS (83921)]

Test Updates

Test Changes

Specimen Requirements:	3 mL Urine
Transport Temperature:	Frozen
Specimen Container:	Plastic container (preservative-free)
Light Protection:	Not Required
Special Handling:	Freeze immediately and ship with dry ice.
Rejection Criteria:	Received Room Temperature. Received Refrigerated.
Stability:	Room Temperature: Not Stable Refrigerated: Not Stable Frozen (-20 °C): 3 month(s)
Scope of Analysis:	Colorimetry (82570): Creatinine
Method (CPT Code)	GC/MS (83921): Formic Acid, Formic Acid (Creatinine corrected)

Compound Name	Units	Reference Comment
Formic Acid	mcg/mL	In a study of 70 non-exposed individuals, the median level of formic acid in urine was 13.6 mcg/mL (range 1.0 - 95 mcg/mL). Formic acid is also a metabolite of methanol, formaldehyde, and methyl formate among others. Values may vary depending on environmental and occupational exposures, diet, nutritional condition, and pregnancy status.
Formic Acid (Creatinine corrected)	mg/g Creat	In a study of 70 non-exposed individuals, the median level of formic acid in urine was 14 mg/g creatinine with the 95th percentile at 23 mg/g creatinine (range 1.2 - 280 mg/g creatinine). Formic acid is also a metabolite of methanol, formaldehyde, and methyl formate among others. Values may vary depending on environmental and occupational exposures, diet, nutritional condition, and pregnancy status.

52052B Guaifenesin Confirmation, Blood

Summary of Changes:	Specimen Requirements (Specimen Container) were changed. Stability was changed. Reference Comment was 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
Stability:	Room Temperature: 7 day(s) Refrigerated: 30 day(s) Frozen (-20 °C): 24 month(s)

Test Updates

Test Changes

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

Compound Name	Units	Reference Comment
Guaifenesin	mcg/mL	Following a single 600 mg oral dose: Peak blood concentrations averaged 1.4 mcg/mL at 15 minutes post dose. Half-life in plasma: 3 hours.

52052FL Guaifenesin 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

52052SP Guaifenesin Confirmation, Serum/Plasma

Summary of Changes: Stability was changed.
Reference Comment was changed.

Stability: Room Temperature: 2 day(s)
Refrigerated: 30 day(s)
Frozen (-20 °C): 24 month(s)
Scope of Analysis: LC-MS/MS (80375): Guaifenesin
Method (CPT Code)

Compound Name	Units	Reference Comment
Guaifenesin	mcg/mL	Following a single 600 mg oral dose: Peak blood concentrations averaged 1.4 mcg/mL at 15 minutes post dose. Half-life in plasma: 3 hours. The blood to plasma ratio is unknown for this compound.

2185B Guaifenesin, Blood

Summary of Changes: Specimen Requirements (Specimen Container) were changed.
Stability was changed.
Reference Comment was changed.

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: 30 day(s) Frozen (-20 °C): 24 month(s)
Scope of Analysis: Method (CPT Code)	LC-MS/MS (80375): Guaifenesin

Compound Name	Units	Reference Comment
Guaifenesin	mcg/mL	Following a single 600 mg oral dose: Peak blood concentrations averaged 1.4 mcg/mL at 15 minutes post dose. Half-life in plasma: 3 hours.

2185SP Guaifenesin, Serum/Plasma

Summary of Changes:	Stability was changed. Reference Comment was changed.
Stability:	Room Temperature: 2 day(s) Refrigerated: 30 day(s) Frozen (-20 °C): 24 month(s)
Scope of Analysis: Method (CPT Code)	LC-MS/MS (80375): Guaifenesin

Compound Name	Units	Reference Comment
Guaifenesin	mcg/mL	Following a single 600 mg oral dose: Peak blood concentrations averaged 1.4 mcg/mL at 15 minutes post dose. Half-life in plasma: 3 hours. The blood to plasma ratio is unknown for this compound.

54260B Levetiracetam Confirmation (DUID/DRE), 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 (80177)]

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:	Received Room Temperature.
Stability:	Room Temperature: 2 day(s) Refrigerated: 7 day(s) Frozen (-20 °C): 30 day(s)
Scope of Analysis: Method (CPT Code)	LC-MS/MS (80177): Levetiracetam

Compound Name	Units	Reference Comment
Levetiracetam	mcg/mL	Steady-state trough plasma concentrations following doses of 500 to 3000 mg/day: 1.1 to 33 mcg/mL. The blood to plasma ratio is approximately 0.9. This test is not chiral specific. Levetiracetam cannot be distinguished from its inactive isomer etiracetam.

54260U Levetiracetam Confirmation (Qualitative) (DUID/DRE), Urine

Summary of Changes:	Specimen Requirements (Specimen Container) were changed. Stability was changed. Methods/CPT Codes were changed [LC-MS/MS (80177)]

Specimen Requirements:	1 mL Urine
Transport Temperature:	Refrigerated
Specimen Container:	Plastic container (preservative-free)
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 (80177): Levetiracetam

52060B Levetiracetam Confirmation, 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 (80177)]

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:	Received Room Temperature.
Stability:	Room Temperature: 2 day(s) Refrigerated: 7 day(s) Frozen (-20 °C): 30 day(s)
Scope of Analysis: Method (CPT Code)	LC-MS/MS (80177): Levetiracetam

Compound Name	Units	Reference Comment
Levetiracetam	mcg/mL	Steady-state trough plasma concentrations following doses of 500 to 3000 mg/day: 1.1 to 33 mcg/mL. The blood to plasma ratio is approximately 0.9. This test is not chiral specific. Levetiracetam cannot be distinguished from its inactive isomer etiracetam.

52060FL Levetiracetam Confirmation, Fluid

Summary of Changes:	Reference Comment was changed. Methods/CPT Codes were changed [LC-MS/MS (80177)]
Scope of Analysis: Method (CPT Code)	LC-MS/MS (80177): Levetiracetam

Compound Name	Units	Reference Comment
Levetiracetam	mcg/mL	This test is not chiral specific. Levetiracetam cannot be distinguished from its inactive isomer etiracetam.

52060SP Levetiracetam Confirmation, Serum/Plasma

Summary of Changes:	Stability was changed. Reference Comment was changed. Methods/CPT Codes were changed [LC-MS/MS (80177)]
Stability:	Room Temperature: 30 day(s) Refrigerated: 30 day(s) Frozen (-20 °C): 10 month(s)
Scope of Analysis: Method (CPT Code)	LC-MS/MS (80177): Levetiracetam

Test Updates

Test Changes

Compound Name	Units	Reference Comment
Levetiracetam	mcg/mL	Steady-state trough plasma concentrations following doses of 500 to 3000 mg/day: 1.1 to 33 mcg/mL. This test is not chiral specific. Levetiracetam cannot be distinguished from its inactive isomer etiracetam.

52060TI Levetiracetam Confirmation, Tissue

Summary of Changes: Reference Comment was changed.
Methods/CPT Codes were changed [LC-MS/MS (80177)]

Scope of Analysis: Method (CPT Code): LC-MS/MS (80177): Levetiracetam

Compound Name	Units	Reference Comment
Levetiracetam	mcg/g	This test is not chiral specific. Levetiracetam cannot be distinguished from its inactive isomer etiracetam.

52060U Levetiracetam Confirmation, Urine

Summary of Changes: Specimen Requirements (Rejection Criteria) were changed.
Stability was changed.
Methods/CPT Codes were changed [LC-MS/MS (80177)]

Specimen Requirements: 1 mL Urine
Transport Temperature: Refrigerated
Specimen Container: Plastic container (preservative-free)
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 (80177): Levetiracetam

2505B Levetiracetam, 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 (80177)]

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:	Received Room Temperature.
Stability:	Room Temperature: 2 day(s) Refrigerated: 7 day(s) Frozen (-20 °C): 30 day(s)
Scope of Analysis: Method (CPT Code)	LC-MS/MS (80177): Levetiracetam

Compound Name	Units	Reference Comment
Levetiracetam	mcg/mL	Steady-state trough plasma concentrations following doses of 500 to 3000 mg/day: 1.1 to 33 mcg/mL. The blood to plasma ratio is approximately 0.9. This test is not chiral specific. Levetiracetam cannot be distinguished from its inactive isomer etiracetam.

2505SP Levetiracetam, Serum/Plasma

Summary of Changes:	Stability was changed. Reference Comment was changed. Methods/CPT Codes were changed [LC-MS/MS (80177)]
Stability:	Room Temperature: 30 day(s) Refrigerated: 30 day(s) Frozen (-20 °C): 10 month(s)
Scope of Analysis: Method (CPT Code)	LC-MS/MS (80177): Levetiracetam

Compound Name	Units	Reference Comment
Levetiracetam	mcg/mL	Steady-state trough plasma concentrations following doses of 500 to 3000 mg/day: 1.1 to 33 mcg/mL. This test is not chiral specific. Levetiracetam cannot be distinguished from its inactive isomer etiracetam.

2504SP Levodopa, Serum/Plasma

Summary of Changes:	Stability was changed. Reference Comment was changed. Methods/CPT Codes were changed []

Test Updates

Test Changes

Stability: Room Temperature: Not Stable
Refrigerated: Not Stable
Frozen (-20 °C): 6 day(s)
Frozen (-70 °C): 30 day(s)
Scope of Analysis: LC-MS/MS (80375): Levodopa
Method (CPT Code)

Compound Name	Units	Reference Comment
Levodopa	mcg/mL	The target plasma concentration of levodopa in Parkinsonian patients is 2 +/- 0.5 mcg/mL. The average peak plasma levodopa concentration following a single oral dose of Sinemet® containing 200 mg levodopa was 1.2 mcg/mL at 0.5 hours for normal release and 3.3 mcg/mL at 2 hours for controlled release. At steady-state, the average trough plasma levodopa concentration following oral Sinemet® containing 200 mg levodopa was 0.07 mcg/mL for normal release and 0.16 mcg/mL for controlled release.

2836U Methanol Exposure Profile, Urine

Summary of Changes: Specimen Requirements (Special Handling) were changed.
Specimen Requirements (Rejection Criteria) were changed.
Stability was changed.
Reference Comment was changed.
Methods/CPT Codes were changed [GC/MS (83921)]

Specimen Requirements: 4 mL Urine
Transport Temperature: Frozen
Specimen Container: Plastic container (preservative-free)
Light Protection: Not Required
Special Handling: Freeze immediately and ship with dry ice.
Rejection Criteria: Received Room Temperature. Received Refrigerated.
Stability: Room Temperature: Not Stable
Refrigerated: Not Stable
Frozen (-20 °C): 3 month(s)
Scope of Analysis: Colorimetry (82570): Creatinine
Method (CPT Code) GC/MS (83921): Formic Acid, Formic Acid (Creatinine corrected)
Headspace GC (80320): Methanol

Test Updates

Test Changes

Compound Name	Units	Reference Comment
Formic Acid	mcg/mL	In a study of 70 non-exposed individuals, the median level of formic acid in urine was 13.6 mcg/mL (range 1.0 - 95 mcg/mL). Formic acid is also a metabolite of methanol, formaldehyde, and methyl formate among others. Values may vary depending on environmental and occupational exposures, diet, nutritional condition, and pregnancy status.
Formic Acid (Creatinine corrected)	mg/g Creat	In a study of 70 non-exposed individuals, the median level of formic acid in urine was 14 mg/g creatinine with the 95th percentile at 23 mg/g creatinine (range 1.2 - 280 mg/g creatinine). Formic acid is also a metabolite of methanol, formaldehyde, and methyl formate among others. Values may vary depending on environmental and occupational exposures, diet, nutritional condition, and pregnancy status.

2837SP Methanol Poisoning Profile, Serum/Plasma

Summary of Changes:
Specimen Requirements were changed.
Specimen Requirements (Special Handling) were changed.
Specimen Requirements (Rejection Criteria) were changed.
Reference Comment was changed.
Methods/CPT Codes were changed [GC/MS (83921)]

Specimen Requirements: 3 mL Serum or Plasma
Transport Temperature: Frozen
Specimen Container: Plastic container (preservative-free)
Light Protection: Not Required
Special Handling: Serum: Collect sample in Red top tube
Plasma: Collect sample in Gray top tube (Sodium Fluoride / Potassium Oxalate). Collect sample using alcohol free skin preparation. Promptly centrifuge and separate Serum or Plasma into an plastic screw capped vial using approved guidelines.
Rejection Criteria: Received Room Temperature. Received Refrigerated. Polymer gel separation tube (SST or PST).
Scope of Analysis: Headspace GC (80320): Acetaldehyde, Ethanol, Methanol, Isopropanol, Acetone
Method (CPT Code) GC/MS (83921): Formic Acid

Compound Name	Units	Reference Comment
Formic Acid	mcg/mL	Normal plasma formic acid range is 1 - 9 mcg/mL (in pregnant women, 0.5 - 44 mcg/mL). Formic acid is also a metabolite of methanol, formaldehyde, and methyl formate among others. Values may vary depending on environmental and occupational exposures, diet, nutritional condition, and pregnancy status.

Test Updates

Test Changes

54276B Methocarbamol Confirmation (DUID/DRE), Blood

Summary of Changes:	Specimen Requirements were changed. Stability was changed. Reference Comment was changed. Methods/CPT Codes were changed [LC-MS/MS (80369)]

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 (80369): Methocarbamol

Compound Name	Units	Reference Comment
Methocarbamol	mcg/mL	Following a single oral 1.5 g dose, peak plasma concentrations of methocarbamol averaged 23 mcg/mL at 1.1 hours and declined with a half-life of 1.3 hours. The blood to plasma ratio is not known for this compound.

52076B Methocarbamol Confirmation, Blood

Summary of Changes:	Specimen Requirements were changed. Stability was changed. Reference Comment was changed. Methods/CPT Codes were changed [LC-MS/MS (80369)]

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 (80369): Methocarbamol

Test Updates

Test Changes

Compound Name	Units	Reference Comment
Methocarbamol	mcg/mL	Following a single oral 1.5 g dose, peak plasma concentrations of methocarbamol averaged 23 mcg/mL at 1.1 hours and declined with a half-life of 1.3 hours. The blood to plasma ratio is not known for this compound.

52076FL Methocarbamol Confirmation, Fluid

Summary of Changes: Specimen Requirements were changed.
Methods/CPT Codes were changed [LC-MS/MS (80369)]

Specimen Requirements: 2 mL Fluid
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 (80369): Methocarbamol

52076SP Methocarbamol Confirmation, Serum/Plasma

Summary of Changes: Specimen Requirements were changed.
Stability was changed.
Reference Comment was changed.
Methods/CPT Codes were changed [LC-MS/MS (80369)]

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: 30 day(s)
Frozen (-20 °C): 30 day(s)
Scope of Analysis: Method (CPT Code): LC-MS/MS (80369): Methocarbamol

Test Updates

Test Changes

Compound Name	Units	Reference Comment
Methocarbamol	mcg/mL	Following a single oral 1.5 g dose, peak plasma concentrations of methocarbamol averaged 23 mcg/mL at 1.1 hours and declined with a half-life of 1.3 hours.

52076TI Methocarbamol Confirmation, Tissue

Summary of Changes: Methods/CPT Codes were changed [LC-MS/MS (80369)]

Scope of Analysis: Method (CPT Code): LC-MS/MS (80369): Methocarbamol

2900B Methocarbamol, Blood

Summary of Changes:
Specimen Requirements were changed.
Stability was changed.
Reference Comment was changed.
Methods/CPT Codes were changed [LC-MS/MS (80369)]

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 (80369): Methocarbamol

Compound Name	Units	Reference Comment
Methocarbamol	mcg/mL	Following a single oral 1.5 g dose, peak plasma concentrations of methocarbamol averaged 23 mcg/mL at 1.1 hours and declined with a half-life of 1.3 hours. The blood to plasma ratio is not known for this compound.

2900FL Methocarbamol, Fluid

Summary of Changes:
Specimen Requirements were changed.
Methods/CPT Codes were changed [LC-MS/MS (80369)]

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
Scope of Analysis: Method (CPT Code)	LC-MS/MS (80369): Methocarbamol

2900SP Methocarbamol, Serum/Plasma

Summary of Changes:	Specimen Requirements were changed. Stability was changed. Reference Comment was changed. Methods/CPT Codes were changed [LC-MS/MS (80369)]

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: 30 day(s) Frozen (-20 °C): 30 day(s)
Scope of Analysis: Method (CPT Code)	LC-MS/MS (80369): Methocarbamol

Compound Name	Units	Reference Comment
Methocarbamol	mcg/mL	Following a single oral 1.5 g dose, peak plasma concentrations of methocarbamol averaged 23 mcg/mL at 1.1 hours and declined with a half-life of 1.3 hours.

3063SP Mycophenolic Acid and Metabolite, Serum/Plasma

Summary of Changes:	Specimen Requirements (Specimen Container) were changed. Specimen Requirements (Special Handling) were changed. Stability was changed. Scope of Analysis was changed. Order of Reporting was changed. Reference Comment was changed. Methods/CPT Codes were changed [LC-MS/MS (80180)]

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: 30 day(s) Refrigerated: 30 day(s) Frozen (-20 °C): 30 day(s)
Scope of Analysis: Method (CPT Code)	LC-MS/MS (80180): Mycophenolic Acid, Mycophenolic Acid Glucuronide

Compound Name	Units	Reference Comment
Mycophenolic Acid	mcg/mL	Suggested therapeutic trough plasma concentration in low to intermediate immunologic risk: 1.5 - 3.0 mcg/mL. Trough plasma concentrations of greater than 15 mcg/mL. have not been correlated with an increase in MPA toxicity. The blood to plasma ratio is approximately 0.6.
Mycophenolic Acid Glucuronide	mcg/mL	MPAG/MPA ratios in stem cell transplant recipients pretreated with three 15 mg/kg infusions or two 1 g oral doses of mycophenolate mofetil averaged 35 in pediatric patients and 50 in adults.

54291B Olanzapine Confirmation (DUID/DRE), 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 (80342)]

Specimen Requirements:	1 mL Blood
Transport Temperature:	Refrigerated
Specimen Container:	Gray top tube (Sodium Fluoride / Potassium Oxalate)
Light Protection:	Not Required
Special Handling:	None
Rejection Criteria:	Received Room Temperature.
Stability:	Room Temperature: 1 day(s) Refrigerated: 7 day(s) Frozen (-20 °C): 7 day(s)

Test Updates

Test Changes

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

Compound Name	Units	Reference Comment
Olanzapine	ng/mL	Recommended antipsychotic range in adults: 20-80 ng/mL plasma. The blood to plasma ratio of olanzapine is approximately 0.6.

54291U Olanzapine Confirmation (Qualitative) (DUID/DRE), Urine

Summary of Changes: Specimen Requirements were changed.
Stability was changed.
Methods/CPT Codes were changed [LC-MS/MS (80342)]

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.
Stability: Room Temperature: 2 day(s)
Refrigerated: 30 day(s)
Frozen (-20 °C): 30 day(s)
Scope of Analysis: LC-MS/MS (80342): Olanzapine
Method (CPT Code)

52091B Olanzapine Confirmation, 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 (80342)]

Specimen Requirements: 1 mL Blood
Transport Temperature: Refrigerated
Specimen Container: Gray top tube (Sodium Fluoride / Potassium Oxalate)
Light Protection: Not Required
Special Handling: None
Rejection Criteria: Received Room Temperature.
Stability: Room Temperature: 1 day(s)
Refrigerated: 7 day(s)
Frozen (-20 °C): 7 day(s)

Test Updates

Test Changes

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

Compound Name	Units	Reference Comment
Olanzapine	ng/mL	Recommended antipsychotic range in adults: 20-80 ng/mL plasma. The blood to plasma ratio of olanzapine is approximately 0.6.

52091SP Olanzapine Confirmation, Serum/Plasma

Summary of Changes: Specimen Requirements were changed.
Stability was changed.
Reference Comment was changed.
Methods/CPT Codes were changed [LC-MS/MS (80342)]

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: 30 day(s)
Frozen (-20 °C): 2 month(s)
Scope of Analysis: LC-MS/MS (80342): Olanzapine
Method (CPT Code)

Compound Name	Units	Reference Comment
Olanzapine	ng/mL	Recommended antipsychotic range in adults: 20-80 ng/mL plasma.

52091U Olanzapine Confirmation, Urine

Summary of Changes: Specimen Requirements were changed.
Stability was changed.
Methods/CPT Codes were changed [LC-MS/MS (80342)]

Test Updates

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:	Received Room Temperature.
Stability:	Room Temperature: 2 day(s) Refrigerated: 30 day(s) Frozen (-20 °C): 30 day(s)
Scope of Analysis: Method (CPT Code)	LC-MS/MS (80342): Olanzapine

3226B Olanzapine and Metabolite, Blood

Summary of Changes:	Test Name was changed. Specimen Requirements were changed. Specimen Requirements (Specimen Container) were changed. Stability was changed. Scope of Analysis was changed. N-desmethylolanzapine was added. Reference Comment was changed. Methods/CPT Codes were changed [LC-MS/MS (80342)]

Specimen Requirements:	1 mL Blood
Transport Temperature:	Refrigerated
Specimen Container:	Gray top tube (Sodium Fluoride / Potassium Oxalate)
Light Protection:	Not Required
Special Handling:	None
Rejection Criteria:	Received Room Temperature.
Stability:	Room Temperature: 1 day(s) Refrigerated: 7 day(s) Frozen (-20 °C): 7 day(s)
Scope of Analysis: Method (CPT Code)	LC-MS/MS (80342): N-desmethylolanzapine, Olanzapine

Compound Name	Units	Reference Comment
N-desmethylolanzapine	ng/mL	Schizophrenic patients stabilized with olanzapine at an average daily dose of 14 mg had steady-state desmethylolanzapine plasma concentrations averaging 6.9 +/- 4.7 ng/mL. The blood to plasma ratio is not known for this compound.

Test Updates

Test Changes

Compound Name	Units	Reference Comment
Olanzapine	ng/mL	Recommended antipsychotic range in adults: 20-80 ng/mL plasma. The blood to plasma ratio of olanzapine is approximately 0.6.

10198SP Olanzapine and Metabolite, Serum/Plasma (CSA)

Summary of Changes: Specimen Requirements (Transport Temperature) 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: 30 day(s)
Frozen (-20 °C): 30 day(s)

3226SP Olanzapine and Metabolite, Serum/Plasma

Summary of Changes: Test Name was changed.
Specimen Requirements were changed.
Stability was changed.
Scope of Analysis was changed.
N-desmethylolanzapine was added.
Reference Comment was changed.
Methods/CPT Codes were changed [LC-MS/MS (80342)]

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: 30 day(s)
Frozen (-20 °C): 30 day(s)

Test Updates

Test Changes

Scope of Analysis: LC-MS/MS (80342): N-desmethylolanzapine, Olanzapine
Method (CPT Code)

Compound Name	Units	Reference Comment
N-desmethylolanzapine	ng/mL	Schizophrenic patients stabilized with olanzapine at an average daily dose of 14 mg had steady-state desmethylolanzapine plasma concentrations averaging 6.9 +/- 4.7 ng/mL.
Olanzapine	ng/mL	Recommended antipsychotic range in adults: 20-80 ng/mL plasma.

3226FL Olanzapine, Fluid

Summary of Changes: Specimen Requirements (Transport Temperature) were changed.
Methods/CPT Codes were changed [LC-MS/MS (80342)]

Specimen Requirements: 3 mL Fluid
Transport Temperature: Refrigerated
Specimen Container: Plastic container (preservative-free)
Light Protection: Not Required
Special Handling: None
Rejection Criteria: None
Scope of Analysis: LC-MS/MS (80342): Olanzapine
Method (CPT Code)

10196SP Olanzapine, Serum/Plasma (CSA)

Summary of Changes: Specimen Requirements (Transport Temperature) 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: 30 day(s)
Frozen (-20 °C): 2 month(s)

3226TI Olanzapine, Tissue

Test Updates

Test Changes

Summary of Changes: Specimen Requirements (Transport Temperature) were changed.
Methods/CPT Codes were changed []

Specimen Requirements: 10 g Tissue
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 (80342): Olanzapine

3932B Procainamide and Metabolite, 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 (80192)]

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.
Stability: Room Temperature: 2 day(s)
Refrigerated: 14 day(s)
Frozen (-20 °C): 14 day(s)
Scope of Analysis: Method (CPT Code): LC-MS/MS (80192): Procainamide, N-Acetylprocainamide

Compound Name	Units	Reference Comment
Procainamide	mcg/mL	The normal therapeutic range for procainamide is 3 to 10 mcg/mL plasma, but approximately 14 mcg/mL may be required for recurrent ventricular tachyarrhythmias. The blood to plasma ratio is not known for this compound.
N-Acetylprocainamide	mcg/mL	The normal therapeutic range for NAPA is 10 to 20 mcg/mL plasma. The blood to plasma ratio is not known for this compound.

3932SP Procainamide and Metabolite, Serum/Plasma

Test Updates

Test Changes

Summary of Changes:	Specimen Requirements were changed. Specimen Requirements (Special Handling) were changed. Specimen Requirements (Rejection Criteria) were changed. Stability was changed. Reference Comment was changed. Methods/CPT Codes were changed [LC-MS/MS (80192)]

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:	Received Room Temperature. Polymer gel separation tube (SST or PST).
Stability:	Room Temperature: 2 day(s) Refrigerated: 7 day(s) Frozen (-20 °C): 30 day(s)
Scope of Analysis: Method (CPT Code)	LC-MS/MS (80192): Procainamide, N-Acetylprocainamide

Compound Name	Units	Reference Comment
Procainamide	mcg/mL	The normal therapeutic range for procainamide is 3 to 10 mcg/mL plasma, but approximately 14 mcg/mL may be required for recurrent ventricular tachyarrhythmias.
N-Acetylprocainamide	mcg/mL	The normal therapeutic range for NAPA is 10 to 20 mcg/mL plasma.

52107B Procainamide and NAPA Confirmation, 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 (80192)]

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.

Test Updates

Test Changes

Stability: Room Temperature: 2 day(s)
Refrigerated: 14 day(s)
Frozen (-20 °C): 14 day(s)
Scope of Analysis: LC-MS/MS (80192): Procainamide, N-Acetylprocainamide
Method (CPT Code)

Compound Name	Units	Reference Comment
Procainamide	mcg/mL	The normal therapeutic range for procainamide is 3 to 10 mcg/mL plasma, but approximately 14 mcg/mL may be required for recurrent ventricular tachyarrhythmias. The blood to plasma ratio is not known for this compound.
N-Acetylprocainamide	mcg/mL	The normal therapeutic range for NAPA is 10 to 20 mcg/mL plasma. The blood to plasma ratio is not known for this compound.

52107SP Procainamide and NAPA Confirmation, Serum/Plasma

Summary of Changes: Specimen Requirements were changed.
Specimen Requirements (Special Handling) were changed.
Specimen Requirements (Rejection Criteria) were changed.
Stability was changed.
Reference Comment was changed.
Methods/CPT Codes were changed [LC-MS/MS (80192)]

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: Received Room Temperature. Polymer gel separation tube (SST or PST).
Stability: Room Temperature: 2 day(s)
Refrigerated: 7 day(s)
Frozen (-20 °C): 30 day(s)
Scope of Analysis: LC-MS/MS (80192): Procainamide, N-Acetylprocainamide
Method (CPT Code)

Compound Name	Units	Reference Comment
Procainamide	mcg/mL	The normal therapeutic range for procainamide is 3 to 10 mcg/mL plasma, but approximately 14 mcg/mL may be required for recurrent ventricular tachyarrhythmias.

Test Updates

Test Changes

Compound Name	Units	Reference Comment
N-Acetylprocainamide	mcg/mL	The normal therapeutic range for NAPA is 10 to 20 mcg/mL plasma.

52107U Procainamide and NAPA Confirmation, Urine

Summary of Changes: Specimen Requirements were changed.
Stability was changed.
Methods/CPT Codes were changed [LC-MS/MS (80192)]

Specimen Requirements: 1 mL Urine
Transport Temperature: Refrigerated
Specimen Container: Plastic container (preservative-free)
Light Protection: Not Required
Special Handling: None
Rejection Criteria: None
Stability: Room Temperature: 14 day(s)
Refrigerated: 30 day(s)
Frozen (-20 °C): 30 day(s)
Scope of Analysis: Method (CPT Code): LC-MS/MS (80192): Procainamide, N-Acetylprocainamide

52159FL Ranitidine Confirmation, Fluid (CSA)

Summary of Changes: Specimen Requirements were changed.
Methods/CPT Codes were changed [LC-MS/MS (80375)]

Specimen Requirements: 2 mL Fluid
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 (80375): Ranitidine

52159SP Ranitidine Confirmation, Serum/Plasma (CSA)

Summary of Changes: Specimen Requirements were changed.
Stability was changed.
Reference Comment was changed.
Methods/CPT Codes were changed [LC-MS/MS (80375)]

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: 30 day(s) Refrigerated: 30 day(s) Frozen (-20 °C): 30 day(s)
Scope of Analysis: Method (CPT Code)	LC-MS/MS (80375): Ranitidine

Compound Name	Units	Reference Comment
Ranitidine	ng/mL	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.

52159U Ranitidine Confirmation, Urine (CSA)

Summary of Changes:	Specimen Requirements were changed. Specimen Requirements (Specimen Container) were changed. Stability was changed. Methods/CPT Codes were changed [LC-MS/MS (80375)]

Specimen Requirements:	1 mL Urine
Transport Temperature:	Refrigerated
Specimen Container:	Plastic container (preservative-free)
Light Protection:	Not Required
Special Handling:	None
Rejection Criteria:	None
Stability:	Room Temperature: 7 day(s) Refrigerated: 30 day(s) Frozen (-20 °C): 30 day(s)
Scope of Analysis: Method (CPT Code)	LC-MS/MS (80375): Ranitidine

Test Updates

Test Changes

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

Summary of Changes:	Specimen Requirements were changed. Stability was changed. Methods/CPT Codes were changed [LC-MS/MS (80307)]

Specimen Requirements:	2 mL Blood
Transport Temperature:	Refrigerated
Specimen Container:	Lavender top tube (EDTA)
Light Protection:	Not Required
Special Handling:	None
Rejection Criteria:	Received Room Temperature.
Stability:	Room Temperature: 1 day(s) Refrigerated: 7 day(s) Frozen (-20 °C): 30 day(s)
Scope of Analysis: Method (CPT Code)	LC-MS/MS (80307): Ranitidine

9549FL Ranitidine Screen (Add-On), Fluid (Forensic) (CSA)

Summary of Changes:	Specimen Requirements were changed. Methods/CPT Codes were changed [LC-MS/MS (80307)]

Specimen Requirements:	4 mL Fluid
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 (80307): Ranitidine

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

Summary of Changes:	Specimen Requirements were changed. Stability was changed. Reference Comment was changed. Methods/CPT Codes were changed []

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: 30 day(s) Refrigerated: 30 day(s) Frozen (-20 °C): 30 day(s)
Scope of Analysis: Method (CPT Code)	LC-MS/MS (80307): Ranitidine

Compound Name	Units	Reference Comment
Ranitidine	ng/mL	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.

9549U Ranitidine Screen (Add-On), Urine (Forensic) (CSA)

Summary of Changes:	Specimen Requirements were changed. Specimen Requirements (Specimen Container) were changed. Stability was changed. Methods/CPT Codes were changed [LC-MS/MS (80307)]

Specimen Requirements:	1 mL Urine
Transport Temperature:	Refrigerated
Specimen Container:	Plastic container (preservative-free)
Light Protection:	Not Required
Special Handling:	None
Rejection Criteria:	None
Stability:	Room Temperature: 7 day(s) Refrigerated: 30 day(s) Frozen (-20 °C): 30 day(s)
Scope of Analysis: Method (CPT Code)	LC-MS/MS (80307): Ranitidine

Test Updates

Test Changes

4085B Ranitidine, Blood

Summary of Changes:	Specimen Requirements were changed. Stability was changed. Methods/CPT Codes were changed [LC-MS/MS (80375)]

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.
Stability:	Room Temperature: 1 day(s) Refrigerated: 7 day(s) Frozen (-20 °C): 30 day(s)
Scope of Analysis: Method (CPT Code)	LC-MS/MS (80375): Ranitidine

4085SP Ranitidine, Serum/Plasma

Summary of Changes:	Specimen Requirements were changed. Stability was changed. Methods/CPT Codes were changed [LC-MS/MS (80375)]

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: 30 day(s) Refrigerated: 30 day(s) Frozen (-20 °C): 30 day(s)
Scope of Analysis: Method (CPT Code)	LC-MS/MS (80375): Ranitidine

4085U Ranitidine, Urine

Summary of Changes:	Specimen Requirements were changed. Specimen Requirements (Specimen Container) were changed. Stability was changed. Methods/CPT Codes were changed [LC-MS/MS (80375)]

Test Updates

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
Stability:	Room Temperature: 7 day(s) Refrigerated: 30 day(s) Frozen (-20 °C): 30 day(s)
Scope of Analysis: Method (CPT Code)	LC-MS/MS (80375): Ranitidine

4205SP Sinemet®, Serum/Plasma

Summary of Changes:	Specimen Requirements were changed. Stability was changed. Reference Comment was changed. Methods/CPT Codes were changed [LC-MS/MS (80375)]

Specimen Requirements:	1 mL Serum or Plasma
Transport Temperature:	Frozen
Specimen Container:	Plastic container (preservative-free)
Light Protection:	Not Required
Special Handling:	Serum: Collect sample in Red top tube Plasma: Collect sample in Lavender top tube (EDTA) or Pink top tube. Promptly centrifuge and separate Serum or Plasma into a plastic screw capped vial using approved guidelines. Flash freeze immediately with dry ice.
Rejection Criteria:	Received Room Temperature. Received Refrigerated. Polymer gel separation tube (SST or PST).
Stability:	Room Temperature: Not Stable Refrigerated: Not Stable Frozen (-20 °C): 6 day(s) Frozen (-70 °C): 30 day(s) Sample must be flash frozen and shipped with dry ice. Frozen -20 C is stable up to 6 days following flash freeze.
Scope of Analysis: Method (CPT Code)	LC-MS/MS (80375): Levodopa, Carbidopa

Test Updates

Test Changes

Compound Name	Units	Reference Comment
Levodopa	mcg/mL	The target plasma concentration of levodopa in Parkinsonian patients is 2 +/- 0.5 mcg/mL. The average peak plasma levodopa concentration following a single oral dose of Sinemet® containing 200 mg levodopa was 1.2 mcg/mL at 0.5 hours for normal release and 3.3 mcg/mL at 2 hours for controlled release. At steady-state, the average trough plasma levodopa concentration following oral Sinemet® containing 200 mg levodopa was 0.07 mcg/mL for normal release and 0.16 mcg/mL for controlled release.
Carbidopa	mcg/mL	Following a single oral dose of 250 mg levodopa and 25 mg carbidopa, peak plasma concentrations of carbidopa averaged 0.11 mcg/mL at 2.9 hours post dose. Carbidopa concentrations can decrease rapidly after collection unless flash frozen with dry ice.

4211B Stiripentol, 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 (80339)]

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 (80339): Stiripentol

Test Updates

Test Changes

Compound Name	Units	Reference Comment
Stiripentol	mcg/mL	A dosing rate increase from 600 to 1200 mg/day resulted in a 253% rise in serum steady-state concentration from 0.32 +/- 0.21 to 1.13 +/- 0.54 mcg/mL. Increasing the dose from 1200 to 2400 mg/day resulted in a 397% rise in serum steady-state concentration to 5.62 +/- 3.03 mcg/mL. The ratio of whole blood concentration to serum or plasma concentration is unknown for this analyte.

4211SP Stiripentol, 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 (80339)]

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: 30 day(s)
Refrigerated: 30 day(s)
Frozen (-20 °C): 30 day(s)
Scope of Analysis: Method (CPT Code) LC-MS/MS (80339): Stiripentol

Compound Name	Units	Reference Comment
Stiripentol	mcg/mL	A dosing rate increase from 600 to 1200 mg/day resulted in a 253% rise in serum steady-state concentration from 0.32 +/- 0.21 to 1.13 +/- 0.54 mcg/mL. Increasing the dose from 1200 to 2400 mg/day resulted in a 397% rise in serum steady-state concentration to 5.62 +/- 3.03 mcg/mL.

54135B Xylazine Confirmation (DUID/DRE), Blood

Test Updates

Test Changes

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 (80375)]

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.
Stability:	Room Temperature: 2 day(s) Refrigerated: 7 day(s) Frozen (-20 °C): 7 day(s)
Scope of Analysis: Method (CPT Code)	LC-MS/MS (80375): Xylazine

Compound Name	Units	Reference Comment
Xylazine	ng/mL	No reference data available.

54135U Xylazine Confirmation (Qualitative) (DUID/DRE), Urine

Summary of Changes:	Stability was changed. Reference Comment was changed. Units were changed. Methods/CPT Codes were changed [LC-MS/MS (80375)]

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 (80375): Xylazine

Compound Name	Units	Reference Comment
Xylazine	ng/mL	No reference data available.

52135B Xylazine Confirmation, Blood

Summary of Changes:	Specimen Requirements were changed. Specimen Requirements (Specimen Container) were changed. Stability was changed. Units were changed. Methods/CPT Codes were changed [LC-MS/MS (80375)]

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:	Received Room Temperature.
Stability:	Room Temperature: 2 day(s) Refrigerated: 7 day(s) Frozen (-20 °C): 7 day(s)
Scope of Analysis: Method (CPT Code)	LC-MS/MS (80375): Xylazine

Compound Name	Units	Reference Comment
Xylazine	ng/mL	No reference data available.

52135FL Xylazine Confirmation, Fluid

Summary of Changes:	Units were changed. Methods/CPT Codes were changed [LC-MS/MS (80375)]
Scope of Analysis: Method (CPT Code)	LC-MS/MS (80375): Xylazine

Compound Name	Units	Reference Comment
Xylazine	ng/mL	No reference data available.

52135SP Xylazine Confirmation, Serum/Plasma

Summary of Changes:	Specimen Requirements were changed. Specimen Requirements (Specimen Container) were changed. Specimen Requirements (Special Handling) were changed. Stability was changed. Units were changed. Methods/CPT Codes were changed [LC-MS/MS (80375)]
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).

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 (80375): Xylazine
Method (CPT Code)

Compound Name	Units	Reference Comment
Xylazine	ng/mL	No reference data available.

52135TI Xylazine Confirmation, Tissue

Summary of Changes: Units were changed.
Methods/CPT Codes were changed [LC-MS/MS (80375)]

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

Compound Name	Units	Reference Comment
Xylazine	ng/g	No reference data available.

52135U Xylazine Confirmation, Urine

Summary of Changes: Stability was changed.
Units were changed.
Methods/CPT Codes were changed [LC-MS/MS (80375)]

Stability: Room Temperature: 30 day(s)
Refrigerated: 30 day(s)
Frozen (-20 °C): 30 day(s)
Scope of Analysis: LC-MS/MS (80375): Xylazine
Method (CPT Code)

Compound Name	Units	Reference Comment
Xylazine	ng/mL	No reference data available.

4815B Xylazine, Blood

Summary of Changes: Specimen Requirements were changed.
Specimen Requirements (Specimen Container) were changed.
Stability was changed.
Units were changed.
Methods/CPT Codes were changed [LC-MS/MS (80375)]

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:	Received Room Temperature.
Stability:	Room Temperature: 2 day(s) Refrigerated: 7 day(s) Frozen (-20 °C): 7 day(s)
Scope of Analysis: Method (CPT Code)	LC-MS/MS (80375): Xylazine

Compound Name	Units	Reference Comment
Xylazine	ng/mL	No reference data available.

4815SP Xylazine, Serum/Plasma

Summary of Changes:	Specimen Requirements were changed. Specimen Requirements (Specimen Container) were changed. Specimen Requirements (Special Handling) were changed. Stability was changed. Units were changed. Methods/CPT Codes were changed [LC-MS/MS (80375)]

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: 30 day(s) Refrigerated: 30 day(s) Frozen (-20 °C): 30 day(s)
Scope of Analysis: Method (CPT Code)	LC-MS/MS (80375): Xylazine

Compound Name	Units	Reference Comment
Xylazine	ng/mL	No reference data available.

4815TI Xylazine, Tissue

Test Updates

Test Changes

Summary of Changes:	Units were changed. Methods/CPT Codes were changed [LC-MS/MS (80375)]
Scope of Analysis: Method (CPT Code)	LC-MS/MS (80375): Xylazine

Compound Name	Units	Reference Comment
Xylazine	ng/g	No reference data available.

4815U Xylazine, Urine

Summary of Changes:	Stability was changed. Methods/CPT Codes were changed [LC-MS/MS (80375)]
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 (80375): Xylazine

Test Updates

Discontinued Tests

Test Code	Test Name	Alternative Test
0213B	Allopurinol and Metabolite, Blood	0213SP - Allopurinol and Metabolite, Serum/Plasma
0982SP	Carbidopa, Serum/Plasma	0213SP - Allopurinol and Metabolite, Serum/Plasma
5498B	Dicyclomine Confirmation, Blood	No Alternate Tests Available
9151B	Dicyclomine Screen, Blood	No Alternate Tests Available
1902B	Duexis®, Blood	No Alternate Tests Available
1902SP	Duexis®, Serum/Plasma	No Alternate Tests Available
9323SP	Ethane, Serum/Plasma	No Alternate Tests Available
2068SP	Famotidine, Serum/Plasma	2068B - Famotidine, Blood
2834B	Methanol, Blood	2835B - Methanol, Blood
2834SP	Methanol, Serum/Plasma	2835SP - Methanol, Serum/Plasma
2834U	Methanol, Urine	2835U - Methanol, Urine
52107FL	Procainamide and NAPA Confirmation, Fluid	No Alternate Tests Available
52107TI	Procainamide and NAPA Confirmation, Tissue	No Alternate Tests Available
3230B	Symbyax®, Blood	No Alternate Tests Available
3230SP	Symbyax®, Serum/Plasma	No Alternate Tests Available

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