



Effective Date:
Monday, May 07, 2018

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, May 07, 2018

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

Discontinued Tests - Tests being discontinued with alternate testing suggestions.

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

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

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



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Test Updates

Test Code	Test Name	Test Name	Method / CPT Code	Specimen Req.	Stability	Scope	Units	Reference Comments	Discontinue
2358U	1-Hydroxypyrene, Urine							•	
5450B	Antidepressants Confirmation, Blood			•					
4655B	Antidepressants Panel 1, Blood			•					
8700B	Antidepressants Panel, Blood			•					
9431B	Antidepressants Screen, Blood			•					
54207U	Atomoxetine Confirmation (Qualitative) (DUID/DRE), Urine (Forensic)				•				
52007B	Atomoxetine Confirmation, Blood (Forensic)			•	•				
52007SP	Atomoxetine Confirmation, Serum/Plasma (Forensic)			•	•				
52007U	Atomoxetine Confirmation, Urine (Forensic)				•				
0486B	Atomoxetine, Blood			•	•				
0486SP	Atomoxetine, Serum/Plasma			•	•				
0486U	Atomoxetine, Urine				•				
0642SP	Betahydroxybutyric Acid, Serum/Plasma				•				
0642U	Betahydroxybutyric Acid, Urine				•				
6108U	Cadmium Exposure Profile (OSHA), Urine				•				
0921U	Cadmium, Urine				•				
1273U	Chromium - Total, Urine (CSA)				•				
1261U	Chromium, Urine				•				
1348U	Creatinine, Urine				•				
2090U	Fluoride, Urine			•				•	
54176B	Fluoxetine and Metabolite Confirmation (DUID/DRE), Blood (Forensic)			•	•				
5524B	Fluoxetine and Metabolite Confirmation, Blood			•	•				
52287B	Fluoxetine and Metabolite Confirmation, Blood (Forensic)			•	•				
52288B	Fluoxetine and Metabolite Confirmation, Blood (Forensic)			•	•				
5524SP	Fluoxetine and Metabolite Confirmation, Serum/Plasma			•	•				
52287SP	Fluoxetine and Metabolite Confirmation, Serum/Plasma (Forensic)			•	•				
52288SP	Fluoxetine and Metabolite Confirmation, Serum/Plasma (Forensic)			•	•				
9179B	Fluoxetine and Metabolite Screen, Blood			•	•				
9179SP	Fluoxetine and Metabolite Screen, Serum/Plasma			•	•				



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Test Code	Test Name	Test Name	Method / CPT Code	Specimen Req.	Stability	Scope	Units	Reference Comments	Discontinue
2105B	Fluoxetine and Metabolite, Blood			•	•				
2105SP	Fluoxetine and Metabolite, Serum/Plasma			•	•				
2243U	Heavy Metals Panel 4, Urine (CSA)			•					
2241U	Heavy Metals Panel 5A, Urine (CSA)			•					
6364R	Inorganic Panel 64, RBCs			•					
54258B	Ketamine and Metabolite Confirmation (DUID/DRE), Blood (Forensic)			•	•				
54258U	Ketamine and Metabolite Confirmation (Qualitative) (DUID/DRE), Urine (Forensic)				•				
5534B	Ketamine and Metabolite Confirmation, Blood			•	•				
52058B	Ketamine and Metabolite Confirmation, Blood (Forensic)			•	•				
5534SP	Ketamine and Metabolite Confirmation, Serum/Plasma				•				
52058SP	Ketamine and Metabolite Confirmation, Serum/Plasma (Forensic)				•				
5534U	Ketamine and Metabolite Confirmation, Urine				•				
52058U	Ketamine and Metabolite Confirmation, Urine (Forensic)				•				
9188B	Ketamine and Metabolite Screen, Blood			•	•				
9188SP	Ketamine and Metabolite Screen, Serum/Plasma				•				
9188U	Ketamine and Metabolite Screen, Urine				•				
2479B	Ketamine and Metabolite, Blood			•	•				
2479SP	Ketamine and Metabolite, Serum/Plasma				•				
2479U	Ketamine and Metabolite, Urine				•				
2570U	Manganese, Urine				•				
2672SP	Mercury Proficiency, Serum/Plasma			•					
2670UH	Mercury, 24 Hour Urine			•					
2670FL	Mercury, Fluid			•					
2670LI	Mercury, Liquid			•					
2670SP	Mercury, Serum/Plasma			•					
2670U	Mercury, Urine				•				
2693FL	Metals/Metalloids Acute Poisoning Panel, Fluid			•					
2693SP	Metals/Metalloids Acute Poisoning Panel, Serum/Plasma			•					
2693U	Metals/Metalloids Acute Poisoning Panel, Urine			•					



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Test Code	Test Name	Test Name	Method / CPT Code	Specimen Req.	Stability	Scope	Units	Reference Comments	Discontinue
52489B	Mitragynine Confirmation, Blood							•	
52489SP	Mitragynine Confirmation, Serum/Plasma							•	
3064B	Mitragynine, Blood							•	
3064SP	Mitragynine, Serum/Plasma							•	
3090U	Molybdenum, Urine				•				
3140U	Nickel, Urine				•				
10045U	Nickel, Urine (CSA)				•				
3384U	Pentachlorophenol, Urine				•				
2139B	Petroleum Distillates Panel, Blood								•
2139FL	Petroleum Distillates Panel, Fluid								•
2139TI	Petroleum Distillates Panel, Tissue								•
3532B	Phencyclidine Screen, Blood			•					
3532FL	Phencyclidine Screen, Fluid			•					
3532SP	Phencyclidine Screen, Serum/Plasma			•	•				
3532U	Phencyclidine Screen, Urine			•	•				
3621U	Phenol Exposure, Urine				•				
4180U	Selenium, Urine				•				
3230B	Symbyax®, Blood			•					
9563U	Synthetic Cannabinoid Metabolites Screen, Urine								•
4440U	Thiocyanate, Urine				•				
4513U	Toluene Exposure, Urine				•				
4765U	Vanadium, Urine				•				
1352U	o-Cresol, Urine				•				



Test Updates

Test Changes

2358U 1-Hydroxypyrene, Urine

Summary of Changes: Reference Comment was changed.

Scope of Analysis: Colorimetry (82570): Creatinine
Method (CPT Code) LC-MS/MS (83789): 1-Hydroxypyrene, 1-Hydroxypyrene (Creatinine corrected)

Compound Name	Units	Reference Comment
1-Hydroxypyrene	ng/mL	The ACGIH BEI for exposure to polycyclic aromatic hydrocarbons (PAHs) is 2.5 ng/mL of 1-Hydroxypyrene in a urine sample collected at the end of shift end of workweek. Note: The BEI can be adjusted for the known Pyrene to Benzo(a)pyrene ratio in the exposure mixture; otherwise, the default value of 2.5 ng/mL should be used.

5450B Antidepressants Confirmation, Blood

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

Specimen Requirements: 3 mL Blood
Transport Temperature: Refrigerated
Specimen Container: Gray top tube (Sodium Fluoride / Potassium Oxalate), Lavender top tube (EDTA)
Light Protection: Not Required
Special Handling: None
Rejection Criteria: None

4655B Antidepressants Panel 1, Blood

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

Specimen Requirements: 3 mL Blood
Transport Temperature: Refrigerated
Specimen Container: Gray top tube (Sodium Fluoride / Potassium Oxalate), Lavender top tube (EDTA)
Light Protection: Not Required
Special Handling: None
Rejection Criteria: None

8700B Antidepressants Panel, Blood

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



Test Updates

Test Changes

Specimen Requirements: 3 mL Blood
Transport Temperature: Refrigerated
Specimen Container: Gray top tube (Sodium Fluoride / Potassium Oxalate), Lavender top tube (EDTA)
Light Protection: Not Required
Special Handling: None
Rejection Criteria: None

9431B Antidepressants Screen, Blood

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

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

54207U Atomoxetine Confirmation (Qualitative) (DUID/DRE), Urine (Forensic)

Summary of Changes: Stability was changed.

Stability: Room Temperature: 30 day(s)
Refrigerated: 30 day(s)
Frozen (-20 °C): 3 month(s)

52007B Atomoxetine Confirmation, Blood (Forensic)

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

Specimen Requirements: 5 mL Blood
Transport Temperature: Refrigerated
Specimen Container: Gray top tube (Sodium Fluoride / Potassium Oxalate)
Light Protection: Not Required
Special Handling: None
Rejection Criteria: None
Stability: Room Temperature: 7 day(s)
Refrigerated: 30 day(s)
Frozen (-20 °C): 6 month(s)

52007SP Atomoxetine Confirmation, Serum/Plasma (Forensic)



Test Updates

Test Changes

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

Specimen Requirements: 3 mL Serum or Plasma
Transport Temperature: Refrigerated
Specimen Container: Plastic container (preservative-free)
Light Protection: Not Required
Special Handling: Promptly centrifuge and separate Serum or Plasma into a plastic screw capped vial using approved guidelines.
Rejection Criteria: Polymer gel separation tube (SST or PST).
Stability: Room Temperature: 14 day(s)
Refrigerated: 14 day(s)
Frozen (-20 °C): 9 month(s)

52007U Atomoxetine Confirmation, Urine (Forensic)

Summary of Changes: Stability was changed.

Stability: Room Temperature: 30 day(s)
Refrigerated: 30 day(s)
Frozen (-20 °C): 3 month(s)

0486B Atomoxetine, Blood

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

Specimen Requirements: 5 mL Blood
Transport Temperature: Refrigerated
Specimen Container: Gray top tube (Sodium Fluoride / Potassium Oxalate)
Light Protection: Not Required
Special Handling: None
Rejection Criteria: None
Stability: Room Temperature: 7 day(s)
Refrigerated: 30 day(s)
Frozen (-20 °C): 6 month(s)

0486SP Atomoxetine, Serum/Plasma

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



Test Updates

Test Changes

Specimen Requirements: 3 mL Serum or Plasma
Transport Temperature: Refrigerated
Specimen Container: Plastic container (preservative-free)
Light Protection: Not Required
Special Handling: Promptly centrifuge and separate Serum or Plasma into a plastic screw capped vial using approved guidelines.
Rejection Criteria: Polymer gel separation tube (SST or PST).
Stability: Room Temperature: 14 day(s)
Refrigerated: 14 day(s)
Frozen (-20 °C): 9 month(s)

0486U Atomoxetine, Urine

Summary of Changes: Stability was changed.

Stability: Room Temperature: 30 day(s)
Refrigerated: 30 day(s)
Frozen (-20 °C): 3 month(s)

0642SP Betahydroxybutyric Acid, Serum/Plasma

Summary of Changes: Stability was changed.

Stability: Room Temperature: 14 day(s)
Refrigerated: 14 day(s)
Frozen (-20 °C): 12 month(s)
Frozen (-70 °C): 3 month(s)

0642U Betahydroxybutyric Acid, Urine

Summary of Changes: Stability was changed.

Stability: Room Temperature: 3 day(s)
Refrigerated: 14 day(s)
Frozen (-20 °C): 12 month(s)

6108U Cadmium Exposure Profile (OSHA), Urine

Summary of Changes: Stability was changed.

Stability: Room Temperature: 5 day(s)
Refrigerated: 14 day(s)
Frozen (-20 °C): 12 month(s)

0921U Cadmium, Urine

Summary of Changes: Stability was changed.



Test Updates

Test Changes

Stability: Room Temperature: 5 day(s)
Refrigerated: 14 day(s)
Frozen (-20 °C): 12 month(s)

1273U Chromium - Total, Urine (CSA)

Summary of Changes: Stability was changed.

Stability: Room Temperature: 5 day(s)
Refrigerated: 30 day(s)
Frozen (-20 °C): 12 month(s)

1261U Chromium, Urine

Summary of Changes: Stability was changed.

Stability: Room Temperature: 5 day(s)
Refrigerated: 30 day(s)
Frozen (-20 °C): 12 month(s)

1348U Creatinine, Urine

Summary of Changes: Stability was changed.

Stability: Room Temperature: 5 day(s)
Refrigerated: 30 day(s)
Frozen (-20 °C): 24 month(s)

2090U Fluoride, Urine

Summary of Changes: Specimen Requirements were changed.
Reference Comment was changed.

Specimen Requirements: 2 mL Urine
Transport Temperature: Refrigerated
Specimen Container: Plastic container (Acid washed or Trace metal-free)
Light Protection: Not Required
Special Handling: Avoid exposure to gadolinium-based contrast media for 48 hours prior to sample collection.
Rejection Criteria: None
Scope of Analysis: ISE (82735): Fluoride
Method (CPT Code)



Test Updates

Test Changes

Compound Name	Units	Reference Comment
Fluoride	mg/L	Normally less than 2 mg/L. The concentration is dependent on dietary intake. The ACGIH Biological Exposure Index (BEI) for monitoring workplace exposure to fluorides measured in urine specimens collected prior to shift is 2 mg/L and in urine specimens collected at the end of shift is 3 mg/L

54176B Fluoxetine and Metabolite Confirmation (DUID/DRE), Blood (Forensic)

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

Specimen Requirements: 2 mL Blood
 Transport Temperature: Refrigerated
 Specimen Container: Gray top tube (Sodium Fluoride / Potassium Oxalate)
 Light Protection: Not Required
 Special Handling: None
 Rejection Criteria: None
 Stability: Room Temperature: 7 day(s)
 Refrigerated: 14 day(s)
 Frozen (-20 °C): 3 month(s)

52287B Fluoxetine and Metabolite Confirmation, Blood (Forensic)

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

Specimen Requirements: 2 mL Blood
 Transport Temperature: Refrigerated
 Specimen Container: Gray top tube (Sodium Fluoride / Potassium Oxalate)
 Light Protection: Not Required
 Special Handling: None
 Rejection Criteria: None
 Stability: Room Temperature: 7 day(s)
 Refrigerated: 14 day(s)
 Frozen (-20 °C): 3 month(s)

52288B Fluoxetine and Metabolite Confirmation, Blood (Forensic)

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



Test Updates

Test Changes

Specimen Requirements: 2 mL Blood
Transport Temperature: Refrigerated
Specimen Container: Gray top tube (Sodium Fluoride / Potassium Oxalate)
Light Protection: Not Required
Special Handling: None
Rejection Criteria: None
Stability: Room Temperature: 7 day(s)
Refrigerated: 14 day(s)
Frozen (-20 °C): 3 month(s)

5524B Fluoxetine and Metabolite Confirmation, Blood

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

Specimen Requirements: 2 mL Blood
Transport Temperature: Refrigerated
Specimen Container: Gray top tube (Sodium Fluoride / Potassium Oxalate)
Light Protection: Not Required
Special Handling: None
Rejection Criteria: None
Stability: Room Temperature: 7 day(s)
Refrigerated: 14 day(s)
Frozen (-20 °C): 3 month(s)

52287SP Fluoxetine and Metabolite Confirmation, Serum/Plasma (Forensic)

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

Specimen Requirements: 3 mL Serum or Plasma
Transport Temperature: Refrigerated
Specimen Container: Plastic container (preservative-free)
Light Protection: Not Required
Special Handling: Serum: Collect sample in Red top tube
Plasma: Collect sample in Lavender top tube (EDTA) or Pink top tube.
Promptly centrifuge and separate Serum or Plasma into a plastic screw capped vial using approved guidelines.
Rejection Criteria: Polymer gel separation tube (SST or PST).
Stability: Room Temperature: 14 day(s)
Refrigerated: 14 day(s)
Frozen (-20 °C): 9 month(s)

52288SP Fluoxetine and Metabolite Confirmation, Serum/Plasma (Forensic)



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

Specimen Requirements: 3 mL Serum or Plasma
Transport Temperature: Refrigerated
Specimen Container: Plastic container (preservative-free)
Light Protection: Not Required
Special Handling: Serum: Collect sample in Red top tube
Plasma: Collect sample in Lavender top tube (EDTA) or Pink top tube.
Promptly centrifuge and separate Serum or Plasma into a plastic screw capped vial using approved guidelines.
Rejection Criteria: Polymer gel separation tube (SST or PST).
Stability: Room Temperature: 14 day(s)
Refrigerated: 14 day(s)
Frozen (-20 °C): 9 month(s)

5524SP Fluoxetine and Metabolite Confirmation, Serum/Plasma

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

Specimen Requirements: 3 mL Serum or Plasma
Transport Temperature: Refrigerated
Specimen Container: Plastic container (preservative-free)
Light Protection: Not Required
Special Handling: Serum: Collect sample in Red top tube
Plasma: Collect sample in Lavender top tube (EDTA) or Pink top tube.
Promptly centrifuge and separate Serum or Plasma into a plastic screw capped vial using approved guidelines.
Rejection Criteria: Polymer gel separation tube (SST or PST).
Stability: Room Temperature: 14 day(s)
Refrigerated: 14 day(s)
Frozen (-20 °C): 9 month(s)

9179B Fluoxetine and Metabolite Screen, Blood

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



Test Updates

Test Changes

Specimen Requirements: 4 mL Blood
Transport Temperature: Refrigerated
Specimen Container: Gray top tube (Sodium Fluoride / Potassium Oxalate)
Light Protection: Not Required
Special Handling: None
Rejection Criteria: None
Stability: Room Temperature: 7 day(s)
Refrigerated: 14 day(s)
Frozen (-20 °C): 3 month(s)

9179SP Fluoxetine and Metabolite Screen, Serum/Plasma

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

Specimen Requirements: 5 mL Serum or Plasma
Transport Temperature: Refrigerated
Specimen Container: Plastic container (preservative-free)
Light Protection: Not Required
Special Handling: Serum: Collect sample in Red top tube
Plasma: Collect sample in Lavender top tube (EDTA) or Pink top tube.
Promptly centrifuge and separate Serum or Plasma into a plastic screw capped vial using approved guidelines.
Rejection Criteria: Polymer gel separation tube (SST or PST).
Stability: Room Temperature: 14 day(s)
Refrigerated: 14 day(s)
Frozen (-20 °C): 9 month(s)

2105B Fluoxetine and Metabolite, Blood

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

Specimen Requirements: 2 mL Blood
Transport Temperature: Refrigerated
Specimen Container: Gray top tube (Sodium Fluoride / Potassium Oxalate)
Light Protection: Not Required
Special Handling: None
Rejection Criteria: None
Stability: Room Temperature: 7 day(s)
Refrigerated: 14 day(s)
Frozen (-20 °C): 3 month(s)



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Test Changes

2105SP Fluoxetine and Metabolite, Serum/Plasma

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

Specimen Requirements: 3 mL Serum or Plasma
Transport Temperature: Refrigerated
Specimen Container: Plastic container (preservative-free)
Light Protection: Not Required
Special Handling: Serum: Collect sample in Red top tube
Plasma: Collect sample in Lavender top tube (EDTA) or Pink top tube.
Promptly centrifuge and separate Serum or Plasma into a plastic screw capped vial using approved guidelines.
Rejection Criteria: Polymer gel separation tube (SST or PST).
Stability: Room Temperature: 14 day(s)
Refrigerated: 14 day(s)
Frozen (-20 °C): 9 month(s)

2243U Heavy Metals Panel 4, Urine (CSA)

Summary of Changes: Specimen Requirements were changed.

Specimen Requirements: 4 mL Urine
Transport Temperature: Refrigerated
Specimen Container: Plastic container (Acid washed or Trace metal-free), Plastic container (preservative-free)
Light Protection: Not Required
Special Handling: Unpreserved urine should be refrigerated immediately and analyzed within 1 week of collection. Acceptable preservatives include: Trace Metal Free Hydrochloric Acid or Nitric Acid (0.1 mL of 12M acid/10 mL urine). Avoid exposure to gadolinium-based contrast media for 48 hours prior to sample collection. Avoid seafood consumption for 48 hours prior to sample collection.
Rejection Criteria: Received Room Temperature.

2241U Heavy Metals Panel 5A, Urine (CSA)

Summary of Changes: Specimen Requirements were changed.

Specimen Requirements: 5 mL Urine
Transport Temperature: Refrigerated
Specimen Container: Plastic container (Acid washed or Trace metal-free), Plastic container (preservative-free)
Light Protection: Not Required



Test Updates

Test Changes

Special Handling: Unpreserved urine should be refrigerated immediately and analyzed within 1 week of collection. Acceptable preservatives include: Trace Metal Free Hydrochloric Acid or Nitric Acid (0.1 mL of 12M acid/10 mL urine). Avoid exposure to gadolinium-based contrast media for 48 hours prior to sample collection. Avoid seafood consumption for 48 hours prior to sample collection.

Rejection Criteria: Received Room Temperature.

6364R Inorganic Panel 64, RBCs

Summary of Changes: Specimen Requirements were changed.

Specimen Requirements: 6 mL RBCs

Transport Temperature: Refrigerated

Specimen Container: Royal Blue top tube (Trace metal-free; EDTA)

Light Protection: Not Required

Special Handling: Avoid seafood consumption for 48 hours prior to sample collection. Centrifuge and separate Plasma within two hours of collection. Leave RBCs in the original collection container and replace stopper.

Submit in container with a non-Heparin based anticoagulant. Tubes containing Heparin based anticoagulants are not acceptable.

Rejection Criteria: Received Frozen. Plastic container. Light Green top tube (Lithium Heparin). Tan top tube - glass (Sodium Heparin). Royal Blue top tube (Trace metal-free; Sodium Heparin). Gray top tube (Sodium Fluoride / Potassium Oxalate). Green top tube (Sodium Heparin). Lavender top tube (EDTA).

54258B Ketamine and Metabolite Confirmation (DUID/DRE), Blood (Forensic)

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

Specimen Requirements: 2 mL Blood

Transport Temperature: Refrigerated

Specimen Container: Gray top tube (Sodium Fluoride / Potassium Oxalate)

Light Protection: Not Required

Special Handling: None

Rejection Criteria: None

Stability: Room Temperature: 14 day(s)

Refrigerated: 30 day(s)

Frozen (-20 °C): 6 month(s)

54258U Ketamine and Metabolite Confirmation (Qualitative) (DUID/DRE), Urine (Forensic)

Summary of Changes: Stability was changed.

Stability: Room Temperature: 7 day(s)

Refrigerated: 30 day(s)

Frozen (-20 °C): 6 month(s)



Test Updates

Test Changes

52058B Ketamine and Metabolite Confirmation, Blood (Forensic)

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

Specimen Requirements: 2 mL Blood
Transport Temperature: Refrigerated
Specimen Container: Gray top tube (Sodium Fluoride / Potassium Oxalate)
Light Protection: Not Required
Special Handling: None
Rejection Criteria: None
Stability: Room Temperature: 14 day(s)
Refrigerated: 30 day(s)
Frozen (-20 °C): 6 month(s)

5534B Ketamine and Metabolite Confirmation, Blood

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

Specimen Requirements: 2 mL Blood
Transport Temperature: Refrigerated
Specimen Container: Gray top tube (Sodium Fluoride / Potassium Oxalate)
Light Protection: Not Required
Special Handling: None
Rejection Criteria: None
Stability: Room Temperature: 14 day(s)
Refrigerated: 30 day(s)
Frozen (-20 °C): 6 month(s)

52058SP Ketamine and Metabolite Confirmation, Serum/Plasma (Forensic)

Summary of Changes: Stability was changed.

Stability: Room Temperature: 14 day(s)
Refrigerated: 14 day(s)
Frozen (-20 °C): 9 month(s)

5534SP Ketamine and Metabolite Confirmation, Serum/Plasma

Summary of Changes: Stability was changed.

Stability: Room Temperature: 14 day(s)
Refrigerated: 14 day(s)
Frozen (-20 °C): 9 month(s)

52058U Ketamine and Metabolite Confirmation, Urine (Forensic)



Test Updates

Test Changes

Summary of Changes: Stability was changed.

Stability: Room Temperature: 7 day(s)
Refrigerated: 30 day(s)
Frozen (-20 °C): 6 month(s)

5534U Ketamine and Metabolite Confirmation, Urine

Summary of Changes: Stability was changed.

Stability: Room Temperature: 7 day(s)
Refrigerated: 30 day(s)
Frozen (-20 °C): 6 month(s)

9188B Ketamine and Metabolite Screen, Blood

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

Specimen Requirements: 3 mL Blood
Transport Temperature: Refrigerated
Specimen Container: Gray top tube (Sodium Fluoride / Potassium Oxalate)
Light Protection: Not Required
Special Handling: None
Rejection Criteria: None
Stability: Room Temperature: 14 day(s)
Refrigerated: 30 day(s)
Frozen (-20 °C): 6 month(s)

9188SP Ketamine and Metabolite Screen, Serum/Plasma

Summary of Changes: Stability was changed.

Stability: Room Temperature: 14 day(s)
Refrigerated: 14 day(s)
Frozen (-20 °C): 9 month(s)

9188U Ketamine and Metabolite Screen, Urine

Summary of Changes: Stability was changed.

Stability: Room Temperature: 7 day(s)
Refrigerated: 30 day(s)
Frozen (-20 °C): 6 month(s)

2479B Ketamine and Metabolite, Blood

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



Test Updates

Test Changes

Specimen Requirements: 2 mL Blood
Transport Temperature: Refrigerated
Specimen Container: Gray top tube (Sodium Fluoride / Potassium Oxalate)
Light Protection: Not Required
Special Handling: None
Rejection Criteria: None
Stability: Room Temperature: 14 day(s)
Refrigerated: 30 day(s)
Frozen (-20 °C): 6 month(s)

2479SP Ketamine and Metabolite, Serum/Plasma

Summary of Changes: Stability was changed.

Stability: Room Temperature: 14 day(s)
Refrigerated: 14 day(s)
Frozen (-20 °C): 9 month(s)

2479U Ketamine and Metabolite, Urine

Summary of Changes: Stability was changed.

Stability: Room Temperature: 7 day(s)
Refrigerated: 30 day(s)
Frozen (-20 °C): 6 month(s)

2570U Manganese, Urine

Summary of Changes: Stability was changed.

Stability: Room Temperature: 5 day(s)
Refrigerated: 14 day(s)
Frozen (-20 °C): 12 month(s)

2672SP Mercury Proficiency, Serum/Plasma

Summary of Changes: Specimen Requirements were changed.

Specimen Requirements: 2 mL Serum or Plasma
Transport Temperature: Refrigerated
Specimen Container: Plastic container (Acid washed or Trace metal-free)
Light Protection: Not Required
Special Handling: Serum: Collect sample in Royal Blue top tube (Trace metal-free; No additive)
Plasma: Collect sample in Royal Blue top tube (Trace metal-free; EDTA)
Promptly centrifuge and separate Serum or Plasma into an acid washed plastic screw capped vial using approved guidelines.
Rejection Criteria: Polymer gel separation tube (SST or PST).



Test Updates

Test Changes

2670UH Mercury, 24 Hour Urine

Summary of Changes: Specimen Requirements were changed.

Specimen Requirements: 2 mL 24 Hour Urine

Transport Temperature: Refrigerated

Specimen Container: Plastic container (Acid washed or Trace metal-free)

Light Protection: Not Required

Special Handling: Unpreserved urine should be refrigerated immediately and analyzed within 1 week of collection. Acceptable preservatives include: Trace Metal Free Hydrochloric Acid or Nitric Acid (0.1 mL of 12M acid/10 mL urine). Avoid exposure to gadolinium-based contrast media for 48 hours prior to sample collection.

Rejection Criteria: None

2670FL Mercury, Fluid

Summary of Changes: Specimen Requirements were changed.

Specimen Requirements: 4 mL Fluid

Transport Temperature: Refrigerated

Specimen Container: Plastic container (Acid washed or Trace metal-free)

Light Protection: Not Required

Special Handling: None

Rejection Criteria: None

2670LI Mercury, Liquid

Summary of Changes: Specimen Requirements were changed.

Specimen Requirements: 4 mL Liquid

Transport Temperature: Refrigerated

Specimen Container: Plastic container (Acid washed or Trace metal-free)

Light Protection: Not Required

Special Handling: None

Rejection Criteria: None

2670SP Mercury, Serum/Plasma

Summary of Changes: Specimen Requirements were changed.



Test Updates

Test Changes

Specimen Requirements: 2 mL Serum or Plasma
Transport Temperature: Refrigerated
Specimen Container: Plastic container (Acid washed or Trace metal-free)
Light Protection: Not Required
Special Handling: Serum: Collect sample in Royal Blue top tube (Trace metal-free; No additive)
Plasma: Collect sample in Royal Blue top tube (Trace metal-free; EDTA)
Promptly centrifuge and separate Serum or Plasma into an acid washed plastic screw capped vial using approved guidelines.
Rejection Criteria: Polymer gel separation tube (SST or PST).

2670U Mercury, Urine

Summary of Changes: Stability was changed.

Stability: Room Temperature: 5 day(s)
Refrigerated: 30 day(s)
Frozen (-20 °C): 6 month(s)

2693FL Metals/Metalloids Acute Poisoning Panel, Fluid

Summary of Changes: Specimen Requirements were changed.

Specimen Requirements: 10 mL Fluid
Transport Temperature: Refrigerated
Specimen Container: Plastic container (Acid washed or Trace metal-free)
Light Protection: Not Required
Special Handling: Avoid seafood consumption for 48 hours prior to sample collection.
Rejection Criteria: None

2693SP Metals/Metalloids Acute Poisoning Panel, Serum/Plasma

Summary of Changes: Specimen Requirements were changed.

Specimen Requirements: 7 mL Serum or Plasma
Transport Temperature: Refrigerated
Specimen Container: Plastic container (Acid washed or Trace metal-free)
Light Protection: Not Required
Special Handling: Collect sample in Glass Container (see Specimen Container).
Serum: Collect sample in Royal Blue top tube (Trace metal-free; No additive)
Plasma: Collect sample in Royal Blue top tube (Trace metal-free; EDTA)
Avoid seafood consumption for 48 hours prior to sample collection. Promptly centrifuge and separate Serum or Plasma into an acid washed plastic screw capped vial using approved guidelines. Acid washed Polypropylene vial is preferred.
Rejection Criteria: Gray top tube (Sodium Fluoride / Potassium Oxalate). Polymer gel separation tube (SST or PST).



Test Updates

Test Changes

2693U Metals/Metalloids Acute Poisoning Panel, Urine

Summary of Changes: Specimen Requirements were changed.

Specimen Requirements: 4 mL Urine
Transport Temperature: Refrigerated
Specimen Container: Plastic container (Acid washed or Trace metal-free)
Light Protection: Not Required
Special Handling: Unpreserved urine should be refrigerated immediately and analyzed within 1 week of collection. Acceptable preservatives include: Trace Metal Free Hydrochloric Acid or Nitric Acid (0.1 mL of 12M acid/10 mL urine). Avoid exposure to gadolinium-based contrast media for 48 hours prior to sample collection. Avoid seafood consumption for 48 hours prior to sample collection.
Rejection Criteria: Glass container.

52489B Mitragynine Confirmation, Blood

Summary of Changes: Reference Comment was changed.

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

Compound Name	Units	Reference Comment
Mitragynine	ng/mL	Mitragynine is an alkaloid found in the plant Kratom which originates from Asia. The leaves of the plant are consumed for their stimulant and analgesic effects and these effects are attributed to mitragynine. Plant extracts are sold for their medicinal use and may be subject to abuse. Adverse effects include seizures, coma, and death. Mitragynine blood concentrations listed in fatalities ranged from 20-600 ng/mL; other substances may have also been present.

52489SP Mitragynine Confirmation, Serum/Plasma

Summary of Changes: Reference Comment was changed.

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



Effective Date:
Monday, May 07, 2018

Test Updates

Test Changes

Compound Name	Units	Reference Comment
Mitragynine	ng/mL	Mitragynine is an alkaloid found in the plant Kratom which originates from Asia. The leaves of the plant are consumed for their stimulant and analgesic effects and these effects are attributed to mitragynine. Plant extracts are sold for their medicinal use and may be subject to abuse. Adverse effects include seizures, coma, and death. Mitragynine blood concentrations listed in fatalities ranged from 20-600 ng/mL; other substances may have also been present. The blood to plasma ratio is unknown for this compound.

3064B Mitragynine, Blood

Summary of Changes: Reference Comment was changed.

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

Compound Name	Units	Reference Comment
Mitragynine	ng/mL	Mitragynine is an alkaloid found in the plant Kratom which originates from Asia. The leaves of the plant are consumed for their stimulant and analgesic effects and these effects are attributed to mitragynine. Plant extracts are sold for their medicinal use and may be subject to abuse. Adverse effects include seizures, coma, and death. Mitragynine blood concentrations listed in fatalities ranged from 20-600 ng/mL; other substances may have also been present.

3064SP Mitragynine, Serum/Plasma

Summary of Changes: Reference Comment was changed.

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

Compound Name	Units	Reference Comment
Mitragynine	ng/mL	Mitragynine is an alkaloid found in the plant Kratom which originates from Asia. The leaves of the plant are consumed for their stimulant and analgesic effects and these effects are attributed to mitragynine. Plant extracts are sold for their medicinal use and may be subject to abuse. Adverse effects include seizures, coma, and death. Mitragynine blood concentrations listed in fatalities ranged from 20-600 ng/mL; other substances may have also been present. The blood to plasma ratio is unknown for this compound.



Test Updates

Test Changes

3090U Molybdenum, Urine

Summary of Changes: Stability was changed.

Stability: Room Temperature: 5 day(s)
Refrigerated: 30 day(s)
Frozen (-20 °C): 12 month(s)

10045U Nickel, Urine (CSA)

Summary of Changes: Stability was changed.

Stability: Room Temperature: 5 day(s)
Refrigerated: 30 day(s)
Frozen (-20 °C): 12 month(s)

3140U Nickel, Urine

Summary of Changes: Stability was changed.

Stability: Room Temperature: 5 day(s)
Refrigerated: 30 day(s)
Frozen (-20 °C): 12 month(s)

3384U Pentachlorophenol, Urine

Summary of Changes: Stability was changed.

Stability: Room Temperature: 5 day(s)
Refrigerated: 14 day(s)
Frozen (-20 °C): 18 month(s)

3532B Phencyclidine Screen, Blood

Summary of Changes: Specimen Requirements were changed.

Specimen Requirements: 2 mL Blood
Transport Temperature: Refrigerated
Specimen Container: Gray top tube (Sodium Fluoride / Potassium Oxalate)
Light Protection: Not Required
Special Handling: None
Rejection Criteria: None

3532FL Phencyclidine Screen, Fluid

Summary of Changes: Specimen Requirements were changed.



Test Updates

Test Changes

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

3532SP Phencyclidine Screen, Serum/Plasma

Summary of Changes: Specimen Requirements were changed.
Stability was changed.

Specimen Requirements: 2 mL Serum or Plasma
Transport Temperature: Refrigerated
Specimen Container: Plastic container (preservative-free)
Light Protection: Not Required
Special Handling: Serum: Collect sample in Red top tube
Plasma: Collect sample in Lavender top tube (EDTA) or Pink top tube.
Promptly centrifuge and separate Serum or Plasma into a plastic screw capped vial using approved guidelines.
Rejection Criteria: Polymer gel separation tube (SST or PST).
Stability: Room Temperature: 7 day(s)
Refrigerated: 29 day(s)
Frozen (-20 °C): 24 month(s)

3532U Phencyclidine Screen, Urine

Summary of Changes: Specimen Requirements were changed.
Stability was changed.

Specimen Requirements: 2 mL Urine
Transport Temperature: Refrigerated
Specimen Container: Plastic container (preservative-free)
Light Protection: Not Required
Special Handling: None
Rejection Criteria: None
Stability: Room Temperature: 29 day(s)
Refrigerated: 29 day(s)
Frozen (-20 °C): 24 month(s)

3621U Phenol Exposure, Urine

Summary of Changes: Stability was changed.



Test Updates

Test Changes

Stability: Room Temperature: 4 day(s)
Refrigerated: 7 day(s)
Frozen (-20 °C): 22 month(s)

4180U Selenium, Urine

Summary of Changes: Stability was changed.

Stability: Room Temperature: 5 day(s)
Refrigerated: 30 day(s)
Frozen (-20 °C): 12 month(s)

3230B Symbyax®, Blood

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

Specimen Requirements: 9 mL Blood
Transport Temperature: Frozen
Specimen Container: Gray top tube (Sodium Fluoride / Potassium Oxalate)
Light Protection: Not Required
Special Handling: None
Rejection Criteria: Received Room Temperature. Received Refrigerated.

4440U Thiocyanate, Urine

Summary of Changes: Stability was changed.

Stability: Room Temperature: 5 day(s)
Refrigerated: 30 day(s)
Frozen (-20 °C): 6 month(s)

4513U Toluene Exposure, Urine

Summary of Changes: Stability was changed.

Stability: Room Temperature: 5 day(s)
Refrigerated: 14 day(s)
Frozen (-20 °C): 6 month(s)

4765U Vanadium, Urine

Summary of Changes: Stability was changed.

Stability: Room Temperature: 5 day(s)
Refrigerated: 30 day(s)
Frozen (-20 °C): 12 month(s)

1352U o-Cresol, Urine



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Test Updates

Test Changes

Summary of Changes: Stability was changed.

Stability: Room Temperature: 5 day(s)
Refrigerated: 14 day(s)
Frozen (-20 °C): 6 month(s)



Effective Date:
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Test Updates

Discontinued Tests

Test Code	Test Name	Alternative Test
2139B	Petroleum Distillates Panel, Blood	No Alternate Tests Available
2139FL	Petroleum Distillates Panel, Fluid	No Alternate Tests Available
2139TI	Petroleum Distillates Panel, Tissue	No Alternate Tests Available
9563U	Synthetic Cannabinoid Metabolites Screen, Urine	4283U - Synthetic Cannabinoid Metabolites - Expanded, Urine (Qualitative)