



Effective Date:
Monday, May 04, 2020

Test Updates

In our continuing effort to provide you with the highest quality toxicology laboratory services available, we have compiled important changes regarding a number of tests we perform. Listed below are the types of changes that may be included in this notification, effective Monday, May 04, 2020

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

Discontinued Tests - Tests being discontinued with alternate testing suggestions.

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

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

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



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Test Updates

Test Code	Test Name	Test Name	Method / CPT Code	Specimen Req.	Stability	Scope	Units	Reference Comments	Discontinue
4065B	Quaternary Ammonium Neuromuscular Blocking Agents, Blood								•
4065SP	Quaternary Ammonium Neuromuscular Blocking Agents, Serum/Plasma								•
4065TI	Quaternary Ammonium Neuromuscular Blocking Agents, Tissue								•
4065U	Quaternary Ammonium Neuromuscular Blocking Agents, Urine								•
52122B	Thiopental and Metabolite Confirmation, Blood			•	•			•	
5600B	Thiopental and Metabolite Confirmation, Blood			•	•			•	
52122SP	Thiopental and Metabolite Confirmation, Serum/Plasma			•	•			•	
5600SP	Thiopental and Metabolite Confirmation, Serum/Plasma			•	•			•	
9419B	Thiopental and Metabolite Screen, Blood			•	•			•	
9419SP	Thiopental and Metabolite Screen, Serum/Plasma			•	•			•	
4450B	Thiopental and Metabolite, Blood			•	•			•	
8636B	Thiopental and Metabolite, Blood			•	•			•	
4450SP	Thiopental and Metabolite, Serum/Plasma			•	•			•	
8636SP	Thiopental and Metabolite, Serum/Plasma			•	•			•	



Test Updates

Test Changes

52122B Thiopental and Metabolite Confirmation, Blood

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

Specimen Requirements: 2 mL Blood
Transport Temperature: Frozen
Specimen Container: Lavender top tube (EDTA)
Light Protection: Not Required
Special Handling: Freeze at -70 C upon collection and ship on dry ice. Ship overnight Monday through Thursday, to arrive at NMS Labs the following day.
Rejection Criteria: None
Stability: Room Temperature: Undetermined
Refrigerated: Undetermined
Frozen (-20 °C): 30 day(s)
Frozen (-70 °C): 30 day(s)
Scope of Analysis: GC (80345): Thiopental, Pentobarbital
Method (CPT Code)

Compound Name	Units	Reference Comment
Thiopental	mcg/mL	Hypnotic range: 1 - 5 mcg/mL Therapeutic coma: 30 - 100 mcg/mL Anesthesia: 7 - 130 mcg/mL Thiopental is known to have limited stability in biological specimens which may be concentration and storage condition dependent. Negative or lower than expected results should be interpreted with caution.

5600B Thiopental and Metabolite Confirmation, Blood

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

Specimen Requirements: 2 mL Blood
Transport Temperature: Frozen
Specimen Container: Lavender top tube (EDTA)
Light Protection: Not Required
Special Handling: Freeze at -70 C upon collection and ship on dry ice. Ship overnight Monday through Thursday, to arrive at NMS Labs the following day.
Rejection Criteria: None



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Test Changes

Stability: Room Temperature: Undetermined
 Refrigerated: Undetermined
 Frozen (-20 °C): 30 day(s)
 Frozen (-70 °C): 30 day(s)
 Scope of Analysis: GC/MS (80345): Thiopental, Pentobarbital
 Method (CPT Code)

Compound Name	Units	Reference Comment
Thiopental	mcg/mL	Immediately following a single 400 mg I.V. dose: Up to 28 mcg/mL Thiopental is known to have limited stability in biological specimens which may be concentration and storage condition dependent. Negative or lower than expected results should be interpreted with caution.

52122SP Thiopental and Metabolite Confirmation, Serum/Plasma

Summary of Changes: Specimen Requirements (Transport Temperature) were changed.
 Specimen Requirements (Special Handling) were changed.
 Stability was changed.
 Reference Comment was changed.

Specimen Requirements: 2 mL Serum or Plasma
 Transport Temperature: Frozen
 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. Freeze at -70 C upon collection and ship on dry ice. Ship overnight Monday through Thursday, to arrive at NMS Labs the following day.
 Rejection Criteria: Received Refrigerated. Polymer gel separation tube (SST or PST).
 Stability: Room Temperature: Undetermined
 Refrigerated: Not Stable
 Frozen (-20 °C): 2 day(s)
 Frozen (-70 °C): 30 day(s)
 Scope of Analysis: GC (80345): Thiopental, Pentobarbital
 Method (CPT Code)

Compound Name	Units	Reference Comment
Thiopental	mcg/mL	Hypnotic range: 1 - 5 mcg/mL Therapeutic coma: 30 - 100 mcg/mL Anesthesia: 7 - 130 mcg/mL Thiopental is known to have limited stability in biological specimens which may be concentration and storage condition dependent. Negative or lower than expected results should be interpreted with caution.

5600SP Thiopental and Metabolite Confirmation, Serum/Plasma



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.

Specimen Requirements: 5 mL Serum or Plasma
Transport Temperature: Frozen
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. Freeze at -70 C upon collection and ship on dry ice. Ship overnight Monday through Thursday, to arrive at NMS Labs the following day.
Rejection Criteria: Received Refrigerated. Polymer gel separation tube (SST or PST).
Stability: Room Temperature: Undetermined
Refrigerated: Not Stable
Frozen (-20 °C): 2 day(s)
Frozen (-70 °C): 30 day(s)
Scope of Analysis: GC/MS (80345): Thiopental, Pentobarbital
Method (CPT Code)

Compound Name	Units	Reference Comment
Thiopental	mcg/mL	Immediately following a single 400 mg I.V. dose: Up to 28 mcg/mL Thiopental is known to have limited stability in biological specimens which may be concentration and storage condition dependent. Negative or lower than expected results should be interpreted with caution.

9419B Thiopental and Metabolite Screen, Blood

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

Specimen Requirements: 3 mL Blood
Transport Temperature: Frozen
Specimen Container: Lavender top tube (EDTA)
Light Protection: Not Required
Special Handling: Freeze at -70 C upon collection and ship on dry ice. Ship overnight Monday through Thursday, to arrive at NMS Labs the following day.
Rejection Criteria: None



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Test Changes

Stability: Room Temperature: Undetermined
Refrigerated: Undetermined
Frozen (-20 °C): 30 day(s)
Frozen (-70 °C): 30 day(s)

Scope of Analysis: GC (80307): Thiopental, Pentobarbital
Method (CPT Code)

Compound Name	Units	Reference Comment
Thiopental	mcg/mL	Immediately following a single 400 mg I.V. dose: Up to 28 mcg/mL Thiopental is known to have limited stability in biological specimens which may be concentration and storage condition dependent. Negative or lower than expected results should be interpreted with caution.

9419SP Thiopental and Metabolite Screen, Serum/Plasma

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.

Specimen Requirements: 6 mL Serum or Plasma
Transport Temperature: Frozen
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. Freeze at -70 C upon collection and ship on dry ice. Ship overnight Monday through Thursday, to arrive at NMS Labs the following day.
Rejection Criteria: Received Refrigerated. Polymer gel separation tube (SST or PST).
Stability: Room Temperature: Undetermined
Refrigerated: Not Stable
Frozen (-20 °C): 2 day(s)
Frozen (-70 °C): 30 day(s)
Scope of Analysis: GC (80307): Thiopental, Pentobarbital
Method (CPT Code)

Compound Name	Units	Reference Comment
Thiopental	mcg/mL	Immediately following a single 400 mg I.V. dose: Up to 28 mcg/mL Thiopental is known to have limited stability in biological specimens which may be concentration and storage condition dependent. Negative or lower than expected results should be interpreted with caution.

4450B Thiopental and Metabolite, Blood



Test Updates

Test Changes

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

Specimen Requirements: 2 mL Blood
Transport Temperature: Frozen
Specimen Container: Lavender top tube (EDTA)
Light Protection: Not Required
Special Handling: Freeze at -70 C upon collection and ship on dry ice. Ship overnight Monday through Thursday, to arrive at NMS Labs the following day.
Rejection Criteria: None
Stability: Room Temperature: Undetermined
Refrigerated: Undetermined
Frozen (-20 °C): 30 day(s)
Frozen (-70 °C): 30 day(s)
Scope of Analysis: GC (80345): Thiopental, Pentobarbital
Method (CPT Code)

Compound Name	Units	Reference Comment
Thiopental	mcg/mL	Hypnotic range: 1 - 5 mcg/mL Therapeutic coma: 30 - 100 mcg/mL Anesthesia: 7 - 130 mcg/mL Thiopental is known to have limited stability in biological specimens which may be concentration and storage condition dependent. Negative or lower than expected results should be interpreted with caution.

8636B Thiopental and Metabolite, Blood

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

Specimen Requirements: 2 mL Blood
Transport Temperature: Frozen
Specimen Container: Lavender top tube (EDTA)
Light Protection: Not Required
Special Handling: Freeze at -70 C upon collection and ship on dry ice. Ship overnight Monday through Thursday, to arrive at NMS Labs the following day.
Rejection Criteria: None



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Test Changes

Stability: Room Temperature: Undetermined
Refrigerated: Undetermined
Frozen (-20 °C): 30 day(s)
Frozen (-70 °C): 30 day(s)

Scope of Analysis: GC & GC/MS (80345): Thiopental, Pentobarbital
Method (CPT Code)

Compound Name	Units	Reference Comment
Thiopental	mcg/mL	Immediately following a single 400 mg I.V. dose: Up to 28 mcg/mL Thiopental is known to have limited stability in biological specimens which may be concentration and storage condition dependent. Negative or lower than expected results should be interpreted with caution.

4450SP Thiopental and Metabolite, Serum/Plasma

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.

Specimen Requirements: 2 mL Serum or Plasma
Transport Temperature: Frozen
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. Freeze at -70 C upon collection and ship on dry ice. Ship overnight Monday through Thursday, to arrive at NMS Labs the following day.
Rejection Criteria: Received Refrigerated. Polymer gel separation tube (SST or PST).
Stability: Room Temperature: Undetermined
Refrigerated: Not Stable
Frozen (-20 °C): 2 day(s)
Frozen (-70 °C): 30 day(s)
Scope of Analysis: GC (80345): Thiopental, Pentobarbital
Method (CPT Code)

Compound Name	Units	Reference Comment
Thiopental	mcg/mL	Hypnotic range: 1 - 5 mcg/mL Therapeutic coma: 30 - 100 mcg/mL Anesthesia: 7 - 130 mcg/mL Thiopental is known to have limited stability in biological specimens which may be concentration and storage condition dependent. Negative or lower than expected results should be interpreted with caution.



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Test Changes

8636SP Thiopental and Metabolite, Serum/Plasma

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.

Specimen Requirements: 2 mL Serum or Plasma

Transport Temperature: Frozen

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. Freeze at -70 C upon collection and ship on dry ice. Ship overnight Monday through Thursday, to arrive at NMS Labs the following day.

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

Stability: Room Temperature: Undetermined

Refrigerated: Not Stable

Frozen (-20 °C): 2 day(s)

Frozen (-70 °C): 30 day(s)

Scope of Analysis: GC & GC/MS (80345): Thiopental, Pentobarbital

Method (CPT Code)

Compound Name	Units	Reference Comment
Thiopental	mcg/mL	Immediately following a single 400 mg I.V. dose: Up to 28 mcg/mL Thiopental is known to have limited stability in biological specimens which may be concentration and storage condition dependent. Negative or lower than expected results should be interpreted with caution.



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Test Updates

Discontinued Tests

Test Code	Test Name	Alternative Test
4065B	Quaternary Ammonium Neuromuscular Blocking Agents, Blood	9065B - Quaternary Ammonium Neuromuscular Blocking Agents Screen, Blood
4065SP	Quaternary Ammonium Neuromuscular Blocking Agents, Serum/Plasma	9065SP - Quaternary Ammonium Neuromuscular Blocking Agents Screen, Serum/Plasma
4065TI	Quaternary Ammonium Neuromuscular Blocking Agents, Tissue	9065TI - Quaternary Ammonium Neuromuscular Blocking Agents Screen, Tissue
4065U	Quaternary Ammonium Neuromuscular Blocking Agents, Urine	9065U - Quaternary Ammonium Neuromuscular Blocking Agents Screen, Urine