



Effective Date:
Monday, December 04, 2017

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, December 04, 2017

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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Monday, December 04, 2017

Test Updates

Test Code	Test Name	Test Name	Method / CPT Code	Specimen Req.	Stability	Scope	Units	Reference Comments	Discontinue
9313SP	Butacaine Screen, Serum/Plasma								•
0921LI	Cadmium, Liquid								•
1010B	Carbon Tetrachloride, Blood			•					
1010SP	Carbon Tetrachloride, Serum/Plasma			•					
1010U	Carbon Tetrachloride, Urine			•					
2216B	Chlorinated Hydrocarbons, Blood (CSA)			•					
1130B	Chloroform, Blood			•					
1130SP	Chloroform, Serum/Plasma			•					
1550B	Dichloroethane, Blood			•					
1550SP	Dichloroethane, Serum/Plasma			•					
1550U	Dichloroethane, Urine			•					
1560B	Dichloromethane and Carboxyhemoglobin, Blood			•					
1561B	Dichloromethane, Blood			•					
1561SP	Dichloromethane, Serum/Plasma			•					
1561U	Dichloromethane, Urine			•					
52029U	Diethylpropion Confirmation, Urine (Forensic)			•					
52711U	Diethylpropion Confirmation, Urine (Forensic)			•					
1600U	Diethylpropion, Urine			•					
10058U	Drug Panel Creatinine Corrected, Urine (CSA)								•
1923B	Enflurane, Blood			•					
2055SP	Ethylene Glycol Overexposure Profile, Serum/Plasma							•	
9175SP	Fenfluramine and Metabolite Screen, Serum/Plasma								•
2080B	Fenfluramine and Metabolite, Blood								•
2100B	Fluorocarbon 113, Blood			•					
2100TI	Fluorocarbon 113, Tissue			•					
2212B	Halocarbons Panel, Blood			•					
2421B	Inhalants Panel, Anesthetics, Blood			•					
2423B	Inhalants Panel, Blood			•					
2408B	Inhalants Panel, Blood (CSA)					•			
2414B	Inhalants Panel, Halocarbons, Blood			•					
2414TI	Inhalants Panel, Halocarbons, Tissue			•					



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Test Code	Test Name	Test Name	Method / CPT Code	Specimen Req.	Stability	Scope	Units	Reference Comments	Discontinue
2437B	Isoflurane, Blood			•					
4630B	Methyl Chloroform, Blood			•					
3090LI	Molybdenum, Liquid								•
3250SP	Oxalate, Serum/Plasma							•	
3250U	Oxalate, Urine							•	
0871B	Solvent Exposure Profile, Blood			•					
4333B	Tetrachloroethane, Blood			•					
4333U	Tetrachloroethane, Urine			•					
3430B	Tetrachloroethylene, Blood			•					



Test Updates

Test Changes

1010B Carbon Tetrachloride, Blood

Summary of Changes: Specimen Requirements (Specimen Container) were changed.
Specimen Requirements (Special Handling) 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: Tube should be filled to prevent loss of volatile compound into headspace. Ensure that container remains tightly sealed.
Rejection Criteria: Received Room Temperature.

1010SP Carbon Tetrachloride, Serum/Plasma

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

Specimen Requirements: 2 mL Serum or Plasma
Transport Temperature: Refrigerated
Specimen Container: Plastic container (preservative-free)
Light Protection: Not Required
Special Handling: Tube should be filled to prevent loss of volatile compound into headspace. Ensure that container remains tightly sealed. 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).

1010U Carbon Tetrachloride, Urine

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

Specimen Requirements: 2 mL Urine
Transport Temperature: Refrigerated
Specimen Container: Plastic container (preservative-free)
Light Protection: Not Required
Special Handling: Tube should be filled to prevent loss of volatile compound into headspace. Ensure that container remains tightly sealed.
Rejection Criteria: Received Room Temperature.

2216B Chlorinated Hydrocarbons, Blood (CSA)

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



Test Updates

Test Changes

Specimen Requirements: 4 mL Blood
Transport Temperature: Refrigerated
Specimen Container: Gray top tube (Sodium Fluoride / Potassium Oxalate), Lavender top tube (EDTA)
Light Protection: Not Required
Special Handling: Tube should be filled to prevent loss of volatile compound into headspace. Ensure that container remains tightly sealed.
Rejection Criteria: None

1130B Chloroform, Blood

Summary of Changes: Specimen Requirements (Specimen Container) were changed.
Specimen Requirements (Special Handling) 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: Tube should be filled to prevent loss of volatile compound into headspace. Ensure that container remains tightly sealed.
Rejection Criteria: Received Room Temperature.

1130SP Chloroform, Serum/Plasma

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

Specimen Requirements: 2 mL Serum or Plasma
Transport Temperature: Refrigerated
Specimen Container: Plastic container (preservative-free)
Light Protection: Not Required
Special Handling: Tube should be filled to prevent loss of volatile compound into headspace. Ensure that container remains tightly sealed. 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).

1550B Dichloroethane, Blood

Summary of Changes: Specimen Requirements (Specimen Container) were changed.
Specimen Requirements (Special Handling) were 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: Tube should be filled to prevent loss of volatile compound into headspace. Ensure that container remains tightly sealed.
Rejection Criteria: None

1550SP Dichloroethane, Serum/Plasma

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

Specimen Requirements: 2 mL Serum or Plasma
Transport Temperature: Refrigerated
Specimen Container: Plastic container (preservative-free)
Light Protection: Not Required
Special Handling: Tube should be filled to prevent loss of volatile compound into headspace. Ensure that container remains tightly sealed. 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).

1550U Dichloroethane, Urine

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

Specimen Requirements: 2 mL Urine
Transport Temperature: Refrigerated
Specimen Container: Plastic container (preservative-free)
Light Protection: Not Required
Special Handling: Tube should be filled to prevent loss of volatile compound into headspace. Ensure that container remains tightly sealed.
Rejection Criteria: None

1560B Dichloromethane and Carboxyhemoglobin, Blood

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



Test Updates

Test Changes

Specimen Requirements: 6 mL Blood
Transport Temperature: Refrigerated
Specimen Container: Gray top tube (Sodium Fluoride / Potassium Oxalate), Lavender top tube (EDTA)
Light Protection: Not Required
Special Handling: Tube should be filled to prevent loss of volatile compound into headspace. Ensure that container remains tightly sealed.
Rejection Criteria: Received Room Temperature. Received Frozen.

1561B Dichloromethane, Blood

Summary of Changes: Specimen Requirements (Specimen Container) were changed.
Specimen Requirements (Special Handling) 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: Tube should be filled to prevent loss of volatile compound into headspace. Ensure that container remains tightly sealed.
Rejection Criteria: Received Room Temperature.

1561SP Dichloromethane, Serum/Plasma

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

Specimen Requirements: 2 mL Serum or Plasma
Transport Temperature: Refrigerated
Specimen Container: Plastic container (preservative-free)
Light Protection: Not Required
Special Handling: Tube should be filled to prevent loss of volatile compound into headspace. Ensure that container remains tightly sealed. 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).

1561U Dichloromethane, Urine

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



Test Updates

Test Changes

Specimen Requirements: 2 mL Urine
Transport Temperature: Refrigerated
Specimen Container: Plastic container (preservative-free)
Light Protection: Not Required
Special Handling: Tube should be filled to prevent loss of volatile compound into headspace. Ensure that container remains tightly sealed.
Rejection Criteria: Received Room Temperature.

52029U Diethylpropion Confirmation, Urine (Forensic)

Summary of Changes: Specimen Requirements were changed.

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

52711U Diethylpropion Confirmation, Urine (Forensic)

Summary of Changes: Specimen Requirements were changed.

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

1600U Diethylpropion, Urine

Summary of Changes: Specimen Requirements were changed.

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



Test Updates

Test Changes

1923B Enflurane, Blood

Summary of Changes: Specimen Requirements (Specimen Container) were changed.
Specimen Requirements (Special Handling) 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: Tube should be filled to prevent loss of volatile compound into headspace. Ensure that container remains tightly sealed.
Rejection Criteria: None

2055SP Ethylene Glycol Overexposure Profile, Serum/Plasma

Summary of Changes: Reference Comment was changed.

Scope of Analysis: EZA (83945): Oxalate
Method (CPT Code) GC (82693): Ethylene Glycol
IC (83921): Formic Acid

Compound Name	Units	Reference Comment
Oxalate	mcmol/L	Normal: 2.5 (SD 0.7) mcmol/L plasma Toxic: 200 mcmol/L plasma Known Interferences: 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.

2100B Fluorocarbon 113, Blood

Summary of Changes: Specimen Requirements (Specimen Container) were changed.
Specimen Requirements (Special Handling) 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: Tube should be filled to prevent loss of volatile compound into headspace. Ensure that container remains tightly sealed.
Rejection Criteria: None

2100TI Fluorocarbon 113, Tissue

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



Test Updates

Test Changes

Specimen Requirements: 10 g Tissue
Transport Temperature: Refrigerated
Specimen Container: Plastic container (preservative-free)
Light Protection: Not Required
Special Handling: Tube should be filled to prevent loss of volatile compound into headspace. Ensure that container remains tightly sealed.
Rejection Criteria: None

2212B Halocarbons Panel, Blood

Summary of Changes: Specimen Requirements (Specimen Container) were changed.
Specimen Requirements (Special Handling) 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: Tube should be filled to prevent loss of volatile compound into headspace. Ensure that container remains tightly sealed.
Rejection Criteria: None

2421B Inhalants Panel, Anesthetics, Blood

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

Specimen Requirements: 4 mL Blood
Transport Temperature: Refrigerated
Specimen Container: Gray top tube (Sodium Fluoride / Potassium Oxalate), Lavender top tube (EDTA)
Light Protection: Not Required
Special Handling: Tube should be filled to prevent loss of volatile compound into headspace. Ensure that container remains tightly sealed.
Rejection Criteria: None

2408B Inhalants Panel, Blood (CSA)

Summary of Changes: Scope of Analysis was changed.
Cyclopropane was removed.

Scope of Analysis: Headspace GC (84600): n-Butanol, Isobutanol, Sec-Butanol, Tert-Butanol, n-Amyl Alcohol, Iso-Amyl Alcohol, Benzene, Ethylbenzene, Styrene, Toluene, Xylenes (o,m,p), n-Heptane, n-Hexane, Methylpentanes (2- and 3- Isomers), Pentane, n-Butanol, Ethanol, Isopropanol, n-Propanol, Methanol, Acetaldehyde, Acetone, Methyl Ethyl Ketone, Methyl Isobutyl Ketone, Methyl n-Butyl Ketone, Ethyl Acetate, Diethyl Ether, Methyl Acrylate, Methyl Tertiary Butyl Ether



Test Updates

Test Changes

2423B Inhalants Panel, Blood

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

Specimen Requirements: 7 mL Blood
Transport Temperature: Refrigerated
Specimen Container: Gray top tube (Sodium Fluoride / Potassium Oxalate), Lavender top tube (EDTA)
Light Protection: Not Required
Special Handling: Tube should be filled to prevent loss of volatile compound into headspace. Ensure that container remains tightly sealed.
Rejection Criteria: None

2414B Inhalants Panel, Halocarbons, Blood

Summary of Changes: Specimen Requirements (Specimen Container) were changed.
Specimen Requirements (Special Handling) 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: Tube should be filled to prevent loss of volatile compound into headspace. Ensure that container remains tightly sealed.
Rejection Criteria: None

2414TI Inhalants Panel, Halocarbons, Tissue

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

Specimen Requirements: 10 g Tissue
Transport Temperature: Frozen
Specimen Container: Plastic container (preservative-free)
Light Protection: Not Required
Special Handling: Tube should be filled to prevent loss of volatile compound into headspace. Ensure that container remains tightly sealed.
Rejection Criteria: None

2437B Isoflurane, Blood

Summary of Changes: Specimen Requirements (Specimen Container) were changed.
Specimen Requirements (Special Handling) were 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: Tube should be filled to prevent loss of volatile compound into headspace. Ensure that container remains tightly sealed.
 Rejection Criteria: None

4630B Methyl Chloroform, Blood

Summary of Changes: Specimen Requirements (Special Handling) 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: Ensure that container remains tightly sealed.
 Tube should be filled to prevent loss of volatile compound into headspace. Ensure that container remains tightly sealed.
 Rejection Criteria: None

3250SP Oxalate, Serum/Plasma

Summary of Changes: Reference Comment was changed.

Scope of Analysis: EZA (83945): Oxalate
 Method (CPT Code)

Compound Name	Units	Reference Comment
Oxalate	mcmol/L	Normal: 2.5 (SD 0.7) mcmol/L plasma Toxic: 200 mcmol/L plasma Known Interferences: 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.

3250U Oxalate, Urine

Summary of Changes: Reference Comment was changed.

Scope of Analysis: EZA (83945): Oxalate
 Method (CPT Code)



Test Updates

Test Changes

Compound Name	Units	Reference Comment
Oxalate	mcmol/L	Normal: 2.5 (SD 0.7) mcmol/L plasma Toxic: 200 mcmol/L plasma Known Interferences: 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.

0871B Solvent Exposure Profile, Blood

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

Specimen Requirements: 6 mL Blood
Transport Temperature: Refrigerated
Specimen Container: Gray top tube (Sodium Fluoride / Potassium Oxalate), Lavender top tube (EDTA)
Light Protection: Not Required
Special Handling: Tube should be filled to prevent loss of volatile compound into headspace. Ensure that container remains tightly sealed.
Rejection Criteria: None

4333B Tetrachloroethane, Blood

Summary of Changes: Specimen Requirements (Special Handling) 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: Tube should be filled to prevent loss of volatile compound into headspace. Ensure that container remains tightly sealed.
Rejection Criteria: None

4333U Tetrachloroethane, Urine

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



Effective Date:
Monday, December 04, 2017

Test Updates

Test Changes

Specimen Requirements: 2 mL Urine
Transport Temperature: Frozen
Specimen Container: Plastic container (preservative-free)
Light Protection: Not Required
Special Handling: Tube should be filled to prevent loss of volatile compound into headspace. Ensure that container remains tightly sealed.
Rejection Criteria: None

3430B Tetrachloroethylene, Blood

Summary of Changes: Specimen Requirements (Special Handling) 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: Tube should be filled to prevent loss of volatile compound into headspace. Ensure that container remains tightly sealed.
Rejection Criteria: Received Room Temperature.



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Test Updates

Discontinued Tests

Test Code	Test Name	Alternative Test
9313SP	Butacaine Screen, Serum/Plasma	No Alternate Tests Available
0921LI	Cadmium, Liquid	No Alternate Tests Available
10058U	Drug Panel Creatinine Corrected, Urine (CSA)	No Alternate Tests Available
9175SP	Fenfluramine and Metabolite Screen, Serum/Plasma	No Alternate Tests Available
2080B	Fenfluramine and Metabolite, Blood	No Alternate Tests Available
3090LI	Molybdenum, Liquid	No Alternate Tests Available