



Effective Date:
Monday, February 08, 2021

Test Updates

Immediate Action

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, February 08, 2021

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
2423B	Comprehensive Volatiles Panel, Blood							•	
1330B	Copper, Blood		•						
1330FL	Copper, Fluid		•	•					
1330R	Copper, RBCs		•	•					
1330SP	Copper, Serum/Plasma		•	•					
8082B	DUID/DRE Inhalants Add-On ProofPOSITIVE®, Blood (Forensic)							•	
2697B	Metals Acute Poisoning Panel, Blood (CSA)		•	•		•			
3066B	Mineral Profile, Blood		•	•		•			
3066R	Mineral Profile, RBCs		•	•		•			
3066SP	Mineral Profile, Serum/Plasma		•	•		•			
2669B	Proficiency Panel 3, Blood		•						
4351B	Tetrafluoroethane and Difluoroethane Panel Add-On, Blood							•	
1611B	Tetrafluoroethane and Difluoroethane Panel, Blood							•	
4844B	Zinc, Blood		•						
4844FL	Zinc, Fluid		•	•					
4844LI	Zinc, Liquid		•	•					
4844R	Zinc, RBCs		•	•					
10021R	Zinc, RBCs (CSA)		•	•					



Test Updates

Test Changes

2423B Comprehensive Volatiles Panel, Blood

Summary of Changes: Reference Comment was changed.

Scope of Analysis: Headspace GC (84600): Volatiles
Method (CPT Code) GC (84600): Methane, Ethane, Propane, Isobutane, n-Butane
GC (82441): Halocarbons
GC/MS (84600): 1,1-Difluoroethane, 1,1,1,2-Tetrafluoroethane

Compound Name	Units	Reference Comment
1,1-Difluoroethane	mcg/mL	1,1-Difluoroethane (DFE) is a colorless and essentially odorless gas that is used as a non-ozone depleting propellant found in many consumer products, electronic cleaners, and as a refrigerant and chemical intermediate. DFE inhalation can cause euphoria, disorientation and altered mental state. Due to its volatility and rapid elimination of this compound, the measured concentration may be lower than the concentration present at the time of specimen collection.

1330B Copper, Blood

Summary of Changes: Methods/CPT Codes were changed [ICP/MS (82525)]

Scope of Analysis: ICP/MS (82525): Copper
Method (CPT Code)

1330FL Copper, Fluid

Summary of Changes: Specimen Requirements were changed.
Methods/CPT Codes were changed [ICP/MS (82525)]

Specimen Requirements: 2 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
Scope of Analysis: ICP/MS (82525): Copper
Method (CPT Code)

1330R Copper, RBCs

Summary of Changes: Specimen Requirements were changed.
Methods/CPT Codes were changed [ICP/MS (82525)]



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Specimen Requirements: 1 mL RBCs
Transport Temperature: Refrigerated
Specimen Container: Royal Blue top tube (Trace metal-free; EDTA)
Light Protection: Not Required
Special Handling: Centrifuge and separate Plasma within two hours of collection. Leave RBCs in the original collection container and replace stopper. Tubes containing Heparin based anticoagulants are not acceptable.
Rejection Criteria: Received Room Temperature. Received Frozen. Light Green top tube (Lithium Heparin). Tan top tube - glass (Sodium Heparin). Green top tube (Lithium Heparin). Royal Blue top tube (Trace metal-free; Sodium Heparin). Green top tube (Sodium Heparin).
Scope of Analysis: ICP/MS (82525): Copper
Method (CPT Code)

1330SP Copper, Serum/Plasma

Summary of Changes: Specimen Requirements were changed.
Methods/CPT Codes were changed [ICP/MS (82525)]

Specimen Requirements: 1 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).
Scope of Analysis: ICP/MS (82525): Copper
Method (CPT Code)

8082B DUID/DRE Inhalants Add-On ProofPOSITIVE®, Blood (Forensic)

Summary of Changes: Reference Comment was changed.

Scope of Analysis: Headspace GC (84600): n-Butanol, Isobutanol, Iso-Amyl Alcohol, Benzene, Ethyl Ether, Heptane, Hexane, Methyl Ethyl Ketone, Pentane, Styrene, Toluene, o-Xylene, p-Xylene, m-Xylene, Xylenes (o,m,p) – Total
GC (84600): Methane, Ethane, Propane, Isobutane, n-Butane
GC/MS (84600): 1,1-Difluoroethane, 1,1,1,2-Tetrafluoroethane



Test Updates

Test Changes

Compound Name	Units	Reference Comment
1,1-Difluoroethane	mcg/mL	1,1-Difluoroethane (DFE) is a colorless and essentially odorless gas that is used as a non-ozone depleting propellant found in many consumer products, electronic cleaners, and as a refrigerant and chemical intermediate. DFE inhalation can cause euphoria, disorientation and altered mental state. Due to its volatility and rapid elimination of this compound, the measured concentration may be lower than the concentration present at the time of specimen collection.

2697B Metals Acute Poisoning Panel, Blood (CSA)

Summary of Changes: Specimen Requirements were changed.
Scope of Analysis was changed.
Order of Reporting was changed.
Methods/CPT Codes were changed [ICP/MS (84630)]

Specimen Requirements: 5 mL Blood
Transport Temperature: Refrigerated
Specimen Container: Royal Blue top tube (Trace metal-free; EDTA)
Light Protection: Not Required
Special Handling: Clotted Blood specimens are not acceptable. Collect sample in Glass Container (see Specimen Container).
Avoid seafood consumption for 48 hours prior to sample collection. Tubes containing Heparin based anticoagulants are not acceptable.
Rejection Criteria: Plastic container. Light Green top tube (Lithium Heparin). Tan top tube - glass (Sodium Heparin). Green top tube (Lithium 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).
Scope of Analysis: ICP/MS (None, 82300): Cadmium, Chromium, Cobalt, Molybdenum, Nickel, Selenium
Method (CPT Code) ICP/MS (82175): Arsenic, Antimony, Bismuth
ICP/MS (83018): Tellurium
ICP/MS (84630): Copper, Zinc
ICP/MS (83825): Mercury

3066B Mineral Profile, Blood

Summary of Changes: Specimen Requirements were changed.
Scope of Analysis was changed.
Order of Reporting was changed.
Methods/CPT Codes were changed [ICP/MS (84630)]



Test Updates

Test Changes

Specimen Requirements: 2 mL Blood
 Transport Temperature: Refrigerated
 Specimen Container: Royal Blue top tube (Trace metal-free; EDTA)
 Light Protection: Not Required
 Special Handling: For Magnesium testing, please order Magnesium test 2551.
 Tubes containing Heparin based anticoagulants are not acceptable.
 Rejection Criteria: Plastic container. Light Green top tube (Lithium Heparin). Tan top tube - glass (Sodium Heparin). Green top tube (Lithium 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).
 Scope of Analysis: ICP/MS (82495, 83018x2, 83785, 84255): Chromium, Cobalt, Manganese,
 Method (CPT Code) Molybdenum, Selenium
 ICP/MS (84630): Copper, Zinc

3066R Mineral Profile, RBCs

Summary of Changes: Specimen Requirements were changed.
 Scope of Analysis was changed.
 Order of Reporting was changed.
 Methods/CPT Codes were changed [ICP/MS (84630)]

Specimen Requirements: 2 mL RBCs
 Transport Temperature: Refrigerated
 Specimen Container: Royal Blue top tube (Trace metal-free; EDTA)
 Light Protection: Not Required
 Special Handling: For Magnesium testing, please order Magnesium test 2551.
 Centrifuge and separate Plasma within two hours of collection. Leave RBCs in the original collection container and replace stopper. Tubes containing Heparin based anticoagulants are not acceptable.
 Rejection Criteria: Received Room Temperature. Received Frozen. Plastic container. Light Green top tube (Lithium Heparin). Tan top tube - glass (Sodium Heparin). Green top tube (Lithium Heparin). Royal Blue top tube (Trace metal-free; Sodium Heparin). Light Blue top tube (Sodium Citrate). Gray top tube (Sodium Fluoride / Potassium Oxalate). Green top tube (Sodium Heparin). Lavender top tube (EDTA). Yellow top tube (ACD - Acid Citrate Dextrose).
 Scope of Analysis: ICP/MS (82495, 83018x2, 83785, 84255): Chromium, Cobalt, Manganese,
 Method (CPT Code) Molybdenum, Selenium
 ICP/MS (84630): Copper, Zinc

3066SP Mineral Profile, Serum/Plasma

Summary of Changes: Specimen Requirements were changed.
 Scope of Analysis was changed.
 Order of Reporting was changed.
 Methods/CPT Codes were changed [ICP/MS (84630)]



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: For Magnesium testing, please order Magnesium test 2551.
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: Gray top tube (Sodium Fluoride / Potassium Oxalate). Green top tube (Sodium Heparin). Lavender top tube (EDTA). Polymer gel separation tube (SST or PST).
- Scope of Analysis: ICP/MS (82495, 83018x2, 83785, 84255): Chromium, Cobalt, Manganese,
Method (CPT Code) Molybdenum, Selenium
ICP/MS (84630): Copper, Zinc

2669B Proficiency Panel 3, Blood

Summary of Changes: Methods/CPT Codes were changed [ICP/MS (None)]

Scope of Analysis: ICP/MS (None): Copper, Zinc
Method (CPT Code)

4351B Tetrafluoroethane and Difluoroethane Panel Add-On, Blood

Summary of Changes: Reference Comment was changed.

Scope of Analysis: GC/MS (84600): 1,1-Difluoroethane, 1,1,1,2-Tetrafluoroethane
Method (CPT Code)

Compound Name	Units	Reference Comment
1,1-Difluoroethane	mcg/mL	1,1-Difluoroethane (DFE) is a colorless and essentially odorless gas that is used as a non-ozone depleting propellant found in many consumer products, electronic cleaners, and as a refrigerant and chemical intermediate. DFE inhalation can cause euphoria, disorientation and altered mental state. Due to its volatility and rapid elimination of this compound, the measured concentration may be lower than the concentration present at the time of specimen collection.

1611B Tetrafluoroethane and Difluoroethane Panel, Blood

Summary of Changes: Reference Comment was changed.

Scope of Analysis: GC/MS (84600): 1,1-Difluoroethane, 1,1,1,2-Tetrafluoroethane
Method (CPT Code)



Test Updates

Test Changes

Compound Name	Units	Reference Comment
1,1-Difluoroethane	mcg/mL	1,1-Difluoroethane (DFE) is a colorless and essentially odorless gas that is used as a non-ozone depleting propellant found in many consumer products, electronic cleaners, and as a refrigerant and chemical intermediate. DFE inhalation can cause euphoria, disorientation and altered mental state. Due to its volatility and rapid elimination of this compound, the measured concentration may be lower than the concentration present at the time of specimen collection.

4844B Zinc, Blood

Summary of Changes: Methods/CPT Codes were changed [ICP/MS (84630)]

Scope of Analysis: ICP/MS (84630): Zinc
Method (CPT Code)

4844FL Zinc, Fluid

Summary of Changes: Specimen Requirements were changed.
Methods/CPT Codes were changed [ICP/MS (84630)]

Specimen Requirements: 2 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
Scope of Analysis: ICP/MS (84630): Zinc
Method (CPT Code)

4844LI Zinc, Liquid

Summary of Changes: Specimen Requirements were changed.
Methods/CPT Codes were changed [ICP/MS (None)]

Specimen Requirements: 2 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



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Scope of Analysis: ICP/MS (None): Zinc
Method (CPT Code)

10021R Zinc, RBCs (CSA)

Summary of Changes: Specimen Requirements were changed.
Methods/CPT Codes were changed [ICP/MS (84630)]

Specimen Requirements: 1 mL RBCs
Transport Temperature: Refrigerated
Specimen Container: Royal Blue top tube (Trace metal-free; EDTA)
Light Protection: Not Required
Special Handling: Centrifuge and separate Plasma within two hours of collection. Leave RBCs in the original collection container and replace stopper. Tubes containing Heparin based anticoagulants are not acceptable.
Rejection Criteria: Received Room Temperature. Received Frozen. Light Green top tube (Lithium Heparin). Tan top tube - glass (Sodium Heparin). Green top tube (Lithium Heparin). Royal Blue top tube (Trace metal-free; Sodium Heparin). Lavender top tube (EDTA). Green top tube (Sodium Heparin).
Scope of Analysis: ICP/MS (84630): Zinc
Method (CPT Code)

4844R Zinc, RBCs

Summary of Changes: Specimen Requirements were changed.
Methods/CPT Codes were changed [ICP/MS (84630)]

Specimen Requirements: 1 mL RBCs
Transport Temperature: Refrigerated
Specimen Container: Royal Blue top tube (Trace metal-free; EDTA)
Light Protection: Not Required
Special Handling: Centrifuge and separate Plasma within two hours of collection. Leave RBCs in the original collection container and replace stopper. Tubes containing Heparin based anticoagulants are not acceptable.
Rejection Criteria: Received Room Temperature. Received Frozen. Light Green top tube (Lithium Heparin). Tan top tube - glass (Sodium Heparin). Green top tube (Lithium Heparin). Royal Blue top tube (Trace metal-free; Sodium Heparin). Lavender top tube (EDTA). Green top tube (Sodium Heparin).
Scope of Analysis: ICP/MS (84630): Zinc
Method (CPT Code)