



Effective Date:

Monday, December 19, 2011

New Tests and 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, December 19, 2011

New Tests - Tests recently added to the NMS Labs test menu. *New Tests are effective immediately.*

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 Code	Test Name	New Test	Test Name	Method / CPT Code	Specimen Req.	Stability	Scope	Units	Reference Comments	Discontinue
0711B	Boron, Blood			•	•	•			•	
0938B	Calcium - Total, Blood			•	•	•				
1006B	Carbon Monoxide - Iron Ratio Profile, Blood			•	•					
1330B	Copper, Blood			•	•					
2430B	Iron, Blood			•		•				
2520B	Lithium, Blood			•		•				
2551B	Magnesium - Total, Blood			•		•				
2697B	Metals Acute Poisoning Panel, Blood (CSA)			•					•	
3066B	Mineral Profile, Blood			•						
3765B	Phosphorus - Total, Blood			•	•	•				
3784B	Potassium - Total, Blood			•		•			•	
4190B	Silicon, Blood			•		•			•	
4844B	Zinc, Blood			•	•	•				



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Test Changes

0711B Boron, Blood

Summary of Changes: Specimen Requirements were changed.
 Stability was changed.
 Reference Comment was changed.
 Methods/CPT Codes were changed [ICP/OES (83018)]

Specimen Requirements: 2 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.
 Immediately transfer sample to an acid washed plastic screw capped vial. Glass containers are not acceptable. Submit in container with a non-Heparin based anticoagulant. Tubes containing Heparin based anticoagulants are not acceptable.
 Rejection Criteria: Glass container. Light Green top tube (Lithium Heparin). Tan top tube - glass (Sodium Heparin). Royal Blue top tube (Trace metal-free; Sodium Heparin). Green top tube (Sodium Heparin).
 Stability: Room Temperature: 30 day(s)
 Refrigerated: 30 day(s)
 Frozen (-20 °C): 30 day(s)
 Scope of Analysis: ICP/OES (83018): Boron
 Method (CPT Code)

Compound Name	Units	Reference Comment
Boron	mcg/L	Normally: Less than 50 mcg/L.

0938B Calcium - Total, Blood

Summary of Changes: Specimen Requirements were changed.
 Stability was changed.
 Methods/CPT Codes were changed [ICP/OES (82310)]

Specimen Requirements: 1 mL Blood
 Transport Temperature: Refrigerated
 Specimen Container: Green top tube (Sodium Heparin)
 Light Protection: Not Required
 Special Handling: Clotted Blood specimens are not acceptable.
 Rejection Criteria: Lavender top tube (EDTA).
 Stability: Room Temperature: 30 day(s)
 Refrigerated: 30 day(s)
 Frozen (-20 °C): 30 day(s)
 Scope of Analysis: ICP/OES (82310): Calcium
 Method (CPT Code)

1006B Carbon Monoxide - Iron Ratio Profile, Blood



New Tests and Test Updates

Test Changes

Summary of Changes: Specimen Requirements were changed.
Methods/CPT Codes were changed [ICP/OES (83540)]

Specimen Requirements: 3 mL Blood
Transport Temperature: Refrigerated
Specimen Container: Lavender top tube (EDTA), Royal Blue top tube (Trace metal-free; EDTA)
Light Protection: Not Required
Special Handling: Clotted Blood specimens are not acceptable.
Submit in container with a non-Heparin based anticoagulant. Tubes containing Heparin based anticoagulants are not acceptable.
Rejection Criteria: Light Green top tube (Lithium Heparin). Tan top tube - glass (Sodium Heparin). Royal Blue top tube (Trace metal-free; Sodium Heparin). Green top tube (Sodium Heparin).
Scope of Analysis: GC/MS (82375): Carbon Monoxide
Method (CPT Code) ICP/OES (83540): Iron, Carboxyhemoglobin

1330B Copper, Blood

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

Specimen Requirements: 1 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.
Submit in container with a non-Heparin based anticoagulant. Tubes containing Heparin based anticoagulants are not acceptable.
Rejection Criteria: Light Green top tube (Lithium Heparin). Tan top tube - glass (Sodium Heparin). Royal Blue top tube (Trace metal-free; Sodium Heparin). Green top tube (Sodium Heparin).
Scope of Analysis: ICP/OES (82525): Copper
Method (CPT Code)

2430B Iron, Blood

Summary of Changes: Stability was changed.
Methods/CPT Codes were changed [ICP/OES (83540)]

Stability: Room Temperature: 30 day(s)
Refrigerated: 30 day(s)
Frozen (-20 °C): 30 day(s)
Scope of Analysis: ICP/OES (83540): Iron
Method (CPT Code)

2520B Lithium, Blood



New Tests and Test Updates

Test Changes

Summary of Changes: Stability was changed.
Methods/CPT Codes were changed [ICP/OES (80178)]

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

Scope of Analysis: ICP/OES (80178): Lithium
Method (CPT Code)

2551B Magnesium - Total, Blood

Summary of Changes: Stability was changed.
Methods/CPT Codes were changed [ICP/OES (83735)]

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

Scope of Analysis: ICP/OES (83735): Magnesium
Method (CPT Code)

2697B Metals Acute Poisoning Panel, Blood (CSA)

Summary of Changes: Reference Comment was changed.
Methods/CPT Codes were changed [ICP/OES (83018), ICP/OES (84630),
ICP/OES (82525)]
Method changed for: Boron, Copper and Zinc

Scope of Analysis: ICP/MS (82495): Chromium, Cobalt
Method (CPT Code) ICP/MS (82300): Cadmium
ICP/MS (83018): Antimony
ICP/MS (82175): Arsenic
ICP/MS (84255): Selenium
ICP/MS (83018): Molybdenum
ICP/MS (83018): Bismuth
ICP/MS (83018): Tellurium
GFAAS (83018): Vanadium
ICP/MS (83885): Nickel
ICP/OES (84630): Zinc
ICP/OES (82525): Copper
ICP/MS (83825): Mercury
ICP/OES (83018): Boron

Compound Name	Units	Reference Comment
Boron	mcg/L	Normally: Less than 50 mcg/L.

3066B Mineral Profile, Blood

Summary of Changes: Methods/CPT Codes were changed [ICP/OES (84630), ICP/OES (82525)]



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Scope of Analysis: ICP/MS (82495): Chromium, Cobalt
 Method (CPT Code) ICP/MS (84255): Selenium
 ICP/MS (83018): Molybdenum
 ICP/MS (83785): Manganese
 ICP/OES (84630): Zinc
 ICP/OES (82525): Copper

3765B Phosphorus - Total, Blood

Summary of Changes: Specimen Requirements were changed.
 Stability was changed.
 Methods/CPT Codes were changed [ICP/OES (84100)]

Specimen Requirements: 1 mL Blood
 Transport Temperature: Refrigerated
 Specimen Container: Light Green top tube (Lithium Heparin)
 Light Protection: Not Required
 Special Handling: Clotted Blood specimens are not acceptable.
 Rejection Criteria: Tan top tube - glass (Sodium Heparin). Royal Blue top tube (Trace metal-free; EDTA). Light Blue top tube (Sodium Citrate). Gray top tube (Sodium Fluoride / Potassium Oxalate). Lavender top tube (EDTA). Yellow top tube (ACD - Acid Citrate Dextrose).
 Stability: Room Temperature: 30 day(s)
 Refrigerated: 30 day(s)
 Frozen (-20 °C): 30 day(s)
 Scope of Analysis: ICP/OES (84100): Phosphorus
 Method (CPT Code)

3784B Potassium - Total, Blood

Summary of Changes: Stability was changed.
 Reference Comment was changed.
 Methods/CPT Codes were changed [ICP/OES (84132)]

Stability: Room Temperature: 30 day(s)
 Refrigerated: 30 day(s)
 Frozen (-20 °C): 30 day(s)
 Scope of Analysis: ICP/OES (84132): Potassium
 Method (CPT Code)

Compound Name	Units	Reference Comment
Potassium	mEq/L	Whole blood concentrations: Normally 77 - 84 mEq/L.

4190B Silicon, Blood

Summary of Changes: Stability was changed.
 Reference Comment was changed.
 Methods/CPT Codes were changed [ICP/OES (84285)]



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

Scope of Analysis: ICP/OES (84285): Silicon
Method (CPT Code)

Compound Name	Units	Reference Comment
Silicon	mg/dL	Generally: Less than 0.5 mg/dL. Silicon concentrations are influenced by diet, especially vegetable intake.

4844B Zinc, Blood

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

Specimen Requirements: 1 mL Blood
 Transport Temperature: Refrigerated
 Specimen Container: Royal Blue top tube (Trace metal-free; EDTA)
 Light Protection: Not Required
 Special Handling: Submit in container with a non-Heparin based anticoagulant. Tubes containing Heparin based anticoagulants are not acceptable.
 Rejection Criteria: Light Green top tube (Lithium Heparin). Royal Blue top tube (Trace metal-free; Sodium Heparin). Lavender top tube (EDTA). Green top tube (Sodium Heparin).
 Stability: Room Temperature: 30 day(s)
 Refrigerated: 30 day(s)
 Frozen (-20 °C): 30 day(s)
 Scope of Analysis: ICP/OES (84630): Zinc
 Method (CPT Code)