



Effective Date:

Monday, June 06, 2022

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, June 06, 2022

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
1480U	Designer Opioids (Qualitative), Urine	•							
52488U	Designer Opioids Confirmation (Qualitative), Urine	•							
52488B	Designer Opioids Confirmation, Blood	•							
52488SP	Designer Opioids Confirmation, Serum/Plasma	•							
1480B	Designer Opioids, Blood	•							
1480SP	Designer Opioids, Serum/Plasma	•							
1495B	Desomorphine, Blood								•
1495SP	Desomorphine, Serum/Plasma								•
2551B	Magnesium - Total, Blood		•						
2551R	Magnesium - Total, RBCs		•	•					
2551SP	Magnesium - Total, Serum/Plasma		•						
3143B	NBOMe (Qualitative), Blood								•
3143SP	NBOMe (Qualitative), Serum/Plasma								•
3143U	NBOMe (Qualitative), Urine								•
3122SP	Naphthalene and Metabolite, Serum/Plasma								•
3123B	Naphthalene, Blood								•
3123SP	Naphthalene, Serum/Plasma								•
3123U	Naphthalene, Urine								•
8210B	Novel Psychoactive Substances (NPS) Screen 2, Blood								•
8210U	Novel Psychoactive Substances (NPS) Screen 2, Urine								•
3700B	Phenylbutazone and Metabolite, Blood								•
3700SP	Phenylbutazone and Metabolite, Serum/Plasma								•
3765B	Phosphorus - Total, Blood		•						
3765SP	Phosphorus - Total, Serum/Plasma		•	•					
3784B	Potassium - Total, Blood		•						
3784R	Potassium - Total, RBCs		•	•					
3932SP	Procainamide and Metabolite, Serum/Plasma								•
3960B	Promazine, Blood								•
3960U	Promazine, Urine								•
4046B	Pyrrolidinophenone Panel (Qualitative), Blood								•
4046SP	Pyrrolidinophenone Panel (Qualitative), Serum/Plasma								•



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Test Code	Test Name	Test Name	Method / CPT Code	Specimen Req.	Stability	Scope	Units	Reference Comments	Discontinue
4245U	Sulfonamides, Undifferentiated, Urine								•
4844SP	Zinc, Serum/Plasma		•	•					



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Test Updates

Test Changes

1480U Designer Opioids (Qualitative), Urine

Summary of Changes: Test Name was changed.

52488U Designer Opioids Confirmation (Qualitative), Urine

Summary of Changes: Test Name was changed.

52488B Designer Opioids Confirmation, Blood

Summary of Changes: Test Name was changed.

52488SP Designer Opioids Confirmation, Serum/Plasma

Summary of Changes: Test Name was changed.

1480B Designer Opioids, Blood

Summary of Changes: Test Name was changed.

1480SP Designer Opioids, Serum/Plasma

Summary of Changes: Test Name was changed.

2551B Magnesium - Total, Blood

Summary of Changes: Methods/CPT Codes were changed [ICP/MS (83735)]

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

2551R Magnesium - Total, RBCs

Summary of Changes: Specimen Requirements were changed.
Methods/CPT Codes were changed [ICP/MS (83735)]

Specimen Requirements: 1 mL RBCs

Transport Temperature: Refrigerated

Specimen Container: Green top tube (Sodium Heparin)

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.

Rejection Criteria: Received Room Temperature. Received Frozen. Light Blue top tube (Sodium Citrate). Gray top tube (Sodium Fluoride / Potassium Oxalate). Yellow top tube (ACD - Acid Citrate Dextrose).



Test Updates

Test Changes

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

2551SP Magnesium - Total, Serum/Plasma

Summary of Changes: Methods/CPT Codes were changed [ICP/MS (83735)]

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

3765B Phosphorus - Total, Blood

Summary of Changes: Methods/CPT Codes were changed [ICP/MS (84100)]

Scope of Analysis: ICP/MS (84100): Phosphorus
Method (CPT Code)

3765SP Phosphorus - Total, Serum/Plasma

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

Specimen Requirements: 1 mL Serum or Plasma

Transport Temperature: Refrigerated

Specimen Container: Polymer gel separation tube (SST or PST), Red top tube (no additive)

Light Protection: Not Required

Special Handling: Hemolyzed Specimens are unsuitable for analysis. Promptly centrifuge and separate Serum or Plasma into an acid washed plastic screw capped vial using approved guidelines.

Rejection Criteria: Tan top tube - plastic (K2EDTA). Royal Blue top tube (Trace metal-free; EDTA). Light Blue top tube (Sodium Citrate). Gray top tube (Sodium Fluoride / Potassium Oxalate). Yellow top tube (ACD - Acid Citrate Dextrose). Lavender top tube (EDTA).

Scope of Analysis: ICP/MS (84100): Phosphorus
Method (CPT Code)

3784B Potassium - Total, Blood

Summary of Changes: Methods/CPT Codes were changed [ICP/MS (84132)]

Scope of Analysis: ICP/MS (84132): Potassium
Method (CPT Code)

3784R Potassium - Total, RBCs

Summary of Changes: Specimen Requirements were changed.
Methods/CPT Codes were changed [ICP/MS (84132)]



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Test Changes

Specimen Requirements: 1 mL RBCs
Transport Temperature: Refrigerated
Specimen Container: Dark Green top tube (Sodium Heparin), Green top tube (Lithium Heparin)
Light Protection: Not Required
Special Handling: Submit in container with a non-Potassium based preservative/anticoagulant. Tubes containing Potassium based preservatives/anticoagulants are not acceptable. Centrifuge and separate Plasma within two hours of collection. Leave RBCs in the original collection container and replace stopper.
Rejection Criteria: Received Room Temperature. Received Frozen. Tan top tube - plastic (K2EDTA). Light Green top tube (Lithium Heparin). Pink top tube (EDTA). Light Blue top tube (Sodium Citrate). Gray top tube (Sodium Fluoride / Potassium Oxalate). Yellow top tube (ACD - Acid Citrate Dextrose). Lavender top tube (EDTA). White top tube (K2EDTA).
Scope of Analysis: ICP/MS (84132): Potassium
Method (CPT Code)

4844SP Zinc, Serum/Plasma

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

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). Lavender top tube (EDTA).
Scope of Analysis: ICP/MS (84630): Zinc
Method (CPT Code)



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Test Updates

Discontinued Tests

Test Code	Test Name	Alternative Test
1495B	Desomorphine, Blood	No Alternate Tests Available
1495SP	Desomorphine, Serum/Plasma	No Alternate Tests Available
3143B	NBOMe (Qualitative), Blood	No Alternate Tests Available
3143SP	NBOMe (Qualitative), Serum/Plasma	No Alternate Tests Available
3143U	NBOMe (Qualitative), Urine	No Alternate Tests Available
3122SP	Naphthalene and Metabolite, Serum/Plasma	3124SP - 1-Naphthol, Serum/Plasma
3123B	Naphthalene, Blood	No Alternate Tests Available
3123SP	Naphthalene, Serum/Plasma	No Alternate Tests Available
3123U	Naphthalene, Urine	No Alternate Tests Available
8210B	Novel Psychoactive Substances (NPS) Screen 2, Blood	8756B - Novel Psychoactive Substances (NPS) Screen 1, Blood
8210U	Novel Psychoactive Substances (NPS) Screen 2, Urine	8756U - Novel Psychoactive Substances (NPS) Screen 1, Urine
3700B	Phenylbutazone and Metabolite, Blood	No Alternate Tests Available
3700SP	Phenylbutazone and Metabolite, Serum/Plasma	No Alternate Tests Available
3932SP	Procainamide and Metabolite, Serum/Plasma	No Alternate Tests Available
3960B	Promazine, Blood	No Alternate Tests Available
3960U	Promazine, Urine	No Alternate Tests Available
4046B	Pyrrolidinophenone Panel (Qualitative), Blood	No Alternate Tests Available
4046SP	Pyrrolidinophenone Panel (Qualitative), Serum/Plasma	No Alternate Tests Available
4245U	Sulfonamides, Undifferentiated, Urine	No Alternate Tests Available