



Effective Date:
Monday, April 12, 2021

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, April 12, 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.



Effective Date:
Monday, April 12, 2021

Test Updates

Test Code	Test Name	Test Name	Method / CPT Code	Specimen Req.	Stability	Scope	Units	Reference Comments	Discontinue
0542U	Benzene Incident, Urine (OSHA)					•			
0543U	Benzene OSHA Exposure Panel, Urine					•			
3292SP	Palladium, Serum/Plasma			•					
3292U	Palladium, Urine			•					
3789SP	Platinum Proficiency, Serum/Plasma			•					
3789U	Platinum Proficiency, Urine			•					
3783FL	Platinum, Fluid			•					
8104B	Postmortem, Fire Death Screen, Blood (Forensic)					•			
4190U	Silicon, Urine				•				
4322SP	Tellurium Proficiency, Serum/Plasma			•					
4322U	Tellurium Proficiency, Urine			•					
4320SP	Tellurium, Serum/Plasma			•					
4320U	Tellurium, Urine			•					



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Test Updates

Test Changes

0542U Benzene Incident, Urine (OSHA)

Summary of Changes: Scope of Analysis was changed.
Phenol - Total (Specific Gravity corrected) and Phenol - Total were added.
Phenol and Phenol (Specific Gravity corrected) were removed.

Scope of Analysis: Refractometer (81002): Specific Gravity
Method (CPT Code) GC (84600): Phenol - Total, Phenol - Total (Specific Gravity corrected)

Compound Name	Units	Reference Comment
Phenol - Total	mg/L	
Phenol - Total (Specific Gravity corrected)	mg/L	Benzene exposure - total phenol in an end of shift urine. OSHA exposure limit: Less than 75 mg Phenol/L with specific gravity adjusted to 1.024

0543U Benzene OSHA Exposure Panel, Urine

Summary of Changes: Scope of Analysis was changed.
Phenol - Total and Phenol - Total (Specific Gravity corrected) were added.
Phenol and Phenol (Specific Gravity corrected) were removed.

Scope of Analysis: Refractometer (81002): Specific Gravity
Method (CPT Code) GC (84600): Phenol - Total, Phenol - Total (Specific Gravity corrected)

Compound Name	Units	Reference Comment
Phenol - Total	mg/L	
Phenol - Total (Specific Gravity corrected)	mg/L	Benzene exposure - total phenol in an end of shift urine. OSHA exposure limit: Less than 75 mg Phenol/L with specific gravity adjusted to 1.024

3292SP Palladium, Serum/Plasma

Summary of Changes: Specimen Requirements were changed.

Specimen Requirements: 2 mL Serum or Plasma
Transport Temperature: Refrigerated
Specimen Container: Plasma: Royal Blue top tube (Trace metal-free; EDTA), Serum: Royal Blue top tube (Trace metal-free; No additive)
Light Protection: Not Required
Special Handling: 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).

3292U Palladium, Urine

Summary of Changes: Specimen Requirements were changed.



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Test Updates

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Specimen Requirements: 2 mL Urine
Transport Temperature: Refrigerated
Specimen Container: Plastic container (Acid washed or Trace metal-free)
Light Protection: Not Required
Special Handling: Avoid exposure to gadolinium-based contrast media for 48 hours prior to sample collection.
Rejection Criteria: None

3789SP Platinum Proficiency, Serum/Plasma

Summary of Changes: Specimen Requirements were changed.

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: 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).

3789U Platinum Proficiency, Urine

Summary of Changes: Specimen Requirements were changed.

Specimen Requirements: 2 mL Urine
Transport Temperature: Refrigerated
Specimen Container: Plastic container (Acid washed or Trace metal-free)
Light Protection: Not Required
Special Handling: Avoid exposure to gadolinium-based contrast media for 48 hours prior to sample collection.
Rejection Criteria: None

3783FL Platinum, Fluid

Summary of Changes: Specimen Requirements were changed.



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Specimen Requirements: 5 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

8104B Postmortem, Fire Death Screen, Blood (Forensic)

Summary of Changes: Scope of Analysis was changed.
Methemoglobin and Sulfhemoglobin were removed.

Scope of Analysis: LC-MS/MS (80307): Cyanide
Method (CPT Code) ELISA (80307): Opiates, Cocaine / Metabolites, Benzodiazepines, Cannabinoids, Amphetamines, Barbiturates, Methadone / Metabolite, Phencyclidine, Buprenorphine / Metabolite, Methamphetamine / MDMA, Oxycodone / Oxymorphone, Fentanyl / Acetyl Fentanyl
Headspace GC (84600): Volatiles
SP (80307): Carboxyhemoglobin

4190U Silicon, Urine

Summary of Changes: Stability was changed.

Stability: Room Temperature: 14 day(s)
Refrigerated: 14 day(s)
Frozen (-20 °C): 30 day(s)

4322SP Tellurium Proficiency, Serum/Plasma

Summary of Changes: Specimen Requirements were changed.

Specimen Requirements: 2 mL Serum or Plasma
Transport Temperature: Refrigerated
Specimen Container: Plasma: Royal Blue top tube (Trace metal-free; EDTA), Serum: Royal Blue top tube (Trace metal-free; No additive)
Light Protection: Not Required
Special Handling: 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).

4322U Tellurium Proficiency, Urine

Summary of Changes: Specimen Requirements were changed.



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Specimen Requirements: 2 mL Urine
Transport Temperature: Refrigerated
Specimen Container: Plastic container (preservative-free)
Light Protection: Not Required
Special Handling: Unpreserved urine should be refrigerated immediately and analyzed within 1 week of collection. Acceptable preservatives include: Trace Metal Free Hydrochloric Acid or Nitric Acid (0.1 mL of 12M acid/10 mL urine). Avoid exposure to gadolinium-based contrast media for 48 hours prior to sample collection.
Rejection Criteria: None

4320SP Tellurium, Serum/Plasma

Summary of Changes: Specimen Requirements were changed.

Specimen Requirements: 2 mL Serum or Plasma
Transport Temperature: Refrigerated
Specimen Container: Plasma: Royal Blue top tube (Trace metal-free; EDTA), Serum: Royal Blue top tube (Trace metal-free; No additive)
Light Protection: Not Required
Special Handling: 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).

4320U Tellurium, 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: Unpreserved urine should be refrigerated immediately and analyzed within 1 week of collection. Acceptable preservatives include: Trace Metal Free Hydrochloric Acid or Nitric Acid (0.1 mL of 12M acid/10 mL urine). Avoid exposure to gadolinium-based contrast media for 48 hours prior to sample collection.
Rejection Criteria: None