



Effective Date:  
Monday, September 18, 2017

## 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, September 18, 2017

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**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.

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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
1910B	Dyphylline, Blood								•
1910SP	Dyphylline, Serum/Plasma								•
1910U	Dyphylline, Urine								•
10070SP	Perfluorooctanoic Acid (Low Level), Serum/Plasma				•	•			
3426B	Perfluorooctanoic Acid, Blood			•	•	•		•	
3426SP	Perfluorooctanoic Acid, Serum/Plasma			•	•	•			



## Test Updates

### Test Changes

#### 10070SP Perfluorooctanoic Acid (Low Level), Serum/Plasma

Summary of Changes: Stability was changed.  
Scope of Analysis was changed.  
Perfluorooctanoic Acid (as the linear isomer) was added.  
Perfluorooctanoic Acid was removed.

Stability: Room Temperature: 21 day(s)  
Refrigerated: 30 day(s)  
Frozen (-20 °C): 12 month(s)

Scope of Analysis: LC-MS/MS (83921): Perfluorooctanoic Acid (as the linear isomer)  
Method (CPT Code)

Compound Name	Units	Reference Comment
Perfluorooctanoic Acid (as the linear isomer)	ng/mL	Population reference interval derived from NMS Labs data (n=151) is usually less than 4.1 ng/mL (90% CI, 3.3 – 8.0 ng/mL) (97.5th percentile) General U.S. population from CDC-NHANES (2013-2014) (n=2165) for the linear isomer is typically below 5.3 ng/mL (95% CI, 4.4 – 6.0 ng/mL) (95th percentile)

#### 3426B Perfluorooctanoic Acid, Blood

Summary of Changes: Specimen Requirements (Rejection Criteria) were changed.  
Stability was changed.  
Scope of Analysis was changed.  
Perfluorooctanoic Acid (as the linear isomer) was added.  
Reference Comment was changed.  
Perfluorooctanoic Acid was removed.

Specimen Requirements: 1 mL Blood  
Transport Temperature: Refrigerated  
Specimen Container: Lavender top tube (EDTA)  
Light Protection: Not Required  
Special Handling: Sample collection devices coated with PTFE/Teflon® and PVDF should be avoided because of potential specimen contamination.  
Rejection Criteria: None  
Stability: Room Temperature: 15 day(s)  
Refrigerated: 15 day(s)  
Frozen (-20 °C): 11 month(s)  
Scope of Analysis: LC-MS/MS (83921): Perfluorooctanoic Acid (as the linear isomer)  
Method (CPT Code)



## Test Updates

### Test Changes

Compound Name	Units	Reference Comment
Perfluorooctanoic Acid (as the linear isomer)	ng/mL	<p>Population reference interval derived from NMS Labs data (n=151) is usually less than 4.1 ng/mL (90% CI, 3.3 – 8.0 ng/mL) (97.5th percentile)</p> <p>General U.S. population from CDC-NHANES (2013-2014) (n=2165) for the linear isomer is typically below 5.3 ng/mL (95% CI, 4.4 – 6.0 ng/mL) (95th percentile)</p> <p>Occupational Exposures: Mean serum concentrations from workers exposed at facilities that manufacture PFOA or its salts ranged from 840 to 6800 ng/mL (isomers not described). The reported serum range for all workers was 0 to 114000 ng/mL (isomers not described).</p> <p>The whole blood to serum ratio is 0.55. Whole blood results can be adjusted to the approximate serum equivalent by dividing the blood result by 0.55.</p>

#### 3426SP Perfluorooctanoic Acid, Serum/Plasma

Summary of Changes: Specimen Requirements (Rejection Criteria) were changed.  
Stability was changed.  
Scope of Analysis was changed.  
Perfluorooctanoic Acid (as the linear isomer) was added.  
Perfluorooctanoic Acid was removed.

Specimen Requirements: 1 mL Serum or Plasma

Transport Temperature: Refrigerated

Specimen Container: Plastic container (preservative-free)

Light Protection: Not Required

Special Handling: Sample collection devices coated with PTFE/Teflon® and PVDF should be avoided because of potential specimen contamination.  
Serum: Collect sample in Red top tube  
Plasma: Collect sample in Lavender top tube (EDTA).  
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).

Stability: Room Temperature: 21 day(s)  
Refrigerated: 30 day(s)  
Frozen (-20 °C): 12 month(s)

Scope of Analysis: LC-MS/MS (83921): Perfluorooctanoic Acid (as the linear isomer)

Method (CPT Code)



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### Test Changes

Compound Name	Units	Reference Comment
Perfluorooctanoic Acid (as the linear isomer)	ng/mL	Population reference interval derived from NMS Labs data (n=151) is usually less than 4.1 ng/mL (90% CI, 3.3 – 8.0 ng/mL) (97.5th percentile) General U.S. population from CDC-NHANES (2013-2014) (n=2165) for the linear isomer is typically below 5.3 ng/mL (95% CI, 4.4 – 6.0 ng/mL) (95th percentile) Occupational Exposures: Mean serum concentrations from workers exposed at facilities that manufacture PFOA or its salts ranged from 840 to 6800 ng/mL (isomers not described). The reported serum range for all workers was 0 to 114000 ng/mL (isomers not described).



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## Test Updates

### Discontinued Tests

Test Code	Test Name	Alternative Test
1910B	Dyphylline, Blood	No Alternate Tests Available
1910SP	Dyphylline, Serum/Plasma	No Alternate Tests Available
1910U	Dyphylline, Urine	No Alternate Tests Available