



Effective Date:  
Monday, November 04, 2019

## 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, November 04, 2019

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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
3427SP	Perfluoroalkyl Substances (PFAS), Serum/Plasma							•	
10070SP	Perfluorooctanoic Acid (Low Level), Serum/Plasma							•	
3426B	Perfluorooctanoic Acid, Blood							•	
3426SP	Perfluorooctanoic Acid, Serum/Plasma							•	



## Test Updates

### Test Changes

#### 3427SP Perfluoroalkyl Substances (PFAS), Serum/Plasma

Summary of Changes: Reference Comment was changed.

Scope of Analysis: LC-MS/MS (83921): Perfluorobutanesulfonic Acid (as the linear isomer),  
Method (CPT Code) Perfluoroheptanoic Acid (as the linear isomer), Perfluorohexanesulfonic Acid (as the linear isomer), Perfluorooctanoic Acid (as the linear isomer), Perfluorononanoic Acid (as the linear isomer), Perfluorooctanesulfonic Acid (as the linear isomer)

Compound Name	Units	Reference Comment
Perfluorohexanesulfonic Acid (as the linear isomer)	ng/mL	Population reference interval derived from NMS Labs data (n=151) is usually less than 5.8 ng/mL (90% CI, 4.1 - 17 ng/mL) (97.5th percentile) General U.S. population from CDC-NHANES (2015-2016) (n=1993) (isomers not described) is typically below 4.9 ng/mL (95% CI, 4.1 - 5.8 ng/mL) (95th percentile)
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 (2015-2016) (n=1993) for the linear isomer is typically below 4.1 ng/mL (95% CI, 3.8 - 4.6 ng/mL) (95th percentile)
Perfluorononanoic Acid (as the linear isomer)	ng/mL	Population reference interval derived from NMS Labs data (n=151) is usually less than 1.4 ng/mL (90% CI, 1.2 - 2.3 ng/mL) (97.5th percentile) General U.S. population from CDC-NHANES (2015-2016) (n=1993) (isomers not described) is typically below 1.9 ng/mL (95% CI, 1.5 - 2.2 ng/mL) (95th percentile)
Perfluorooctanesulfonic Acid (as the linear isomer)	ng/mL	Population reference interval derived from NMS Labs data (n=151) is usually less than 12 ng/mL (90% CI, 7.7 - 15 ng/mL) (97.5th percentile) General U.S. population from CDC-NHANES (2015-2016) (n=1993) for the linear isomer is typically below 13 ng/mL (95% CI, 10 - 18 ng/mL) (95th percentile)

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

Summary of Changes: Reference Comment was changed.

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	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 (2015-2016) (n=1993) for the linear isomer is typically below 4.1 ng/mL (95% CI, 3.8 - 4.6 ng/mL) (95th percentile)

#### 3426B Perfluorooctanoic Acid, Blood

Summary of Changes: Reference Comment was changed.

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 (2015-2016) (n=1993) for the linear isomer is typically below 4.1 ng/mL (95% CI, 3.8 - 4.6 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).  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.

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

Summary of Changes: Reference Comment was changed.

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



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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 (2015-2016) (n=1993) for the linear isomer is typically below 4.1 ng/mL (95% CI, 3.8 - 4.6 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).