



NMS Labs

CONFIDENTIAL

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Robert A. Middleberg, PhD, F-ABFT, DABCC-TC, Laboratory Director

Demo Report

Report Issued 11/21/2022 07:44
Last Report Issued 11/04/2022 14:38

88888
Clinical Example Report
Attn: Example Reports
200 Welsh Road
Horsham, PA 19044

Patient Name NA
Patient ID 3428SP
Chain 22002353
DOB Not Given
Sex Not Given
Workorder 22002353
Received 11/03/2022

Lab ID 22002353-001
Matrix Serum or Plasma
Patient Name NA
Patient ID 3428SP
Container Type Black Cap Glass Container

Collect Dt/Tm Not Given
Source Not Given
Approx Vol/Weight Not Given

Receipt Notes None Entered

Table with 5 columns: Analysis and Comments, Result, Units, Reporting Limit, Notes. Contains data for PFHxA, PFBS, PFHpA, and ADONA.

Results for sample 22002353-001 are continued on next page



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Lab ID 22002353-001
Matrix Serum or Plasma
Patient Name NA
Patient ID 3428SP

Collect Dt/Tm Not Given
Source Not Given

Analysis and Comments	Result	Units	Reporting Limit	Notes
General U.S. population from CDC-NHANES (2017-2018) (n=1929) is typically below 0.10 ng/mL (95th percentile)				
Branched PFOA Isomers	None Detected	ng/mL	0.10	
Synonym(s): Sb-PFOA; Perfluorooctanoic Acid (PFOA) branched isomers				
General U.S. population from CDC-NHANES (2017-2018) (n=1929) is typically below 0.20 ng/mL (95% CI, <0.10-0.20 ng/mL) (95th percentile)				
Linear PFOA Isomer	None Detected	ng/mL	0.10	
Synonym(s): n-PFOA; n-Perfluorooctanoic Acid (PFOA) linear isomer				
General U.S. population from CDC-NHANES (2017-2018) (n=1929) is typically below 3.7 ng/mL (95% CI, 3.1-5.0 ng/mL) (95th percentile)				
Total PFOA Isomers	None Detected	ng/mL		
Synonym(s): Sum of linear and branched Perfluorooctanoic Acid (PFOA) isomers				
General U.S. population from CDC-NHANES (2017-2018) (n=1929) is typically below 3.77 ng/mL (95% CI, 3.17-5.07 ng/mL) (95th percentile)				
PFHxS	None Detected	ng/mL	0.10	
Synonym(s): Perfluorohexane Sulfonic Acid				
General U.S. population from CDC-NHANES (2017-2018) (n=1929) is typically below 3.7 ng/mL (95% CI, 3.3-5.6 ng/mL) (95th percentile)				
PFNA	None Detected	ng/mL	0.10	
Synonym(s): Perfluorononanoic Acid				
General U.S. population from CDC-NHANES (2017-2018) (n=1929) is typically below 1.4 ng/mL (95% CI, 1.1-1.8 ng/mL) (95th percentile)				
PFDA	None Detected	ng/mL	0.10	
Synonym(s): Perfluorodecanoic Acid				
General U.S. population from CDC-NHANES (2017-2018) (n=1929) is typically below 0.60 ng/mL (95% CI, 0.50-0.90 ng/mL) (95th percentile)				
Branched PFOS Isomers	None Detected	ng/mL	0.10	
Synonym(s): Sm-PFOS; Perfluoromethylheptane Sulfonic Acid (PFOS) branched isomers				

Results for sample 22002353-001 are continued on next page



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Lab ID 22002353-001
Matrix Serum or Plasma
Patient Name NA
Patient ID 3428SP

Collect Dt/Tm Not Given
Source Not Given

Analysis and Comments	Result	Units	Reporting Limit	Notes
General U.S. population from CDC-NHANES (2017-2018) (n=1929) is typically below 4.5 ng/mL (95% CI, 3.8-5.4 ng/mL) (95th percentile)				
Linear PFOS Isomer	None Detected	ng/mL	0.10	
Synonym(s): n-PFOS; n-Perfluorooctane Sulfonic Acid (PFOS) linear isomer				
Comment: Substance(s) known to interfere with the identity and/or quantity of the reported result: 1-Methyl-PFHpS				
General U.S. population from CDC-NHANES (2017-2018) (n=1929) is typically below 10.4 ng/mL (95% CI, 9.4-12.0 ng/mL) (95th percentile)				
Total PFOS Isomers	None Detected	ng/mL		
Synonym(s): Sum of linear and branched Perfluorooctane Sulfonic Acid (PFOS) isomers				
General U.S. population from CDC-NHANES (2017-2018) (n=1929) is typically below 14.6 ng/mL (95% CI, 13.1-16.5 ng/mL) (95th percentile)				
PFHpS	None Detected	ng/mL	0.10	
Synonym(s): Perfluoroheptane Sulfonic Acid				
General U.S. population from CDC-NHANES (2017-2018) (n=1929) is typically below 1.0 ng/mL (95% CI, 0.50-4.60 ng/mL) (95th percentile)				
PFUnDA	None Detected	ng/mL	0.10	
Synonym(s): PFUA; Perfluoroundecanoic Acid				
General U.S. population from CDC-NHANES (2017-2018) (n=1929) is typically below 0.40 ng/mL (95% CI, 0.30-0.50 ng/mL) (95th percentile)				
MeFOSAA	None Detected	ng/mL	0.10	
Synonym(s): Me-PFOSA-AcOH; 2-(N-Methyl-perfluorooctane sulfonamido) Acetic Acid				
General U.S. population from CDC-NHANES (2017-2018) (n=1929) is typically below 0.60 ng/mL (95% CI, 0.50-0.70 ng/mL) (95th percentile)				
PFDODA	None Detected	ng/mL	0.10	
Synonym(s): PFDoA; Perfluorododecanoic Acid				
General U.S. population from CDC-NHANES (2015-2016) (n=1993) is typically below 0.10 ng/mL (95th percentile)				

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Matrix Serum or Plasma
Patient Name NA
Patient ID 3428SP

Collect Dt/Tm Not Given
Source Not Given

Analysis and Comments	Result	Units	Reporting Limit	Notes
PFOSA Synonym(s): Perfluorooctane Sulfonamide General U.S. population from CDC-NHANES (2011-2012) (n=1904) is typically below 0.10 ng/mL (95th percentile)	None Detected	ng/mL	0.10	
NASEM Summation Value The National Academies of Science, Engineering, and Medicine (NASEM) recommends the following clinical guidance related to an additive sum value for MeFOSAA, PFHxS, PFOA (linear and branched isomers), PFDA, PFUnDA, PFOS (linear and branched isomers), and PFNA in serum or plasma: -Adverse health effects related to PFAS exposure are not expected at less than 2 ng/mL. -There is a potential for adverse effects, especially in sensitive populations, between 2 and 20 ng/mL. -There is an increased risk of adverse effects at greater than 20 ng/mL.	None Detected	ng/mL		

This test was developed and its performance characteristics determined by NMS Labs. It has not been cleared or approved by the US Food and Drug Administration.