

## **NMS Labs**

CONFIDENTIAL

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

**Demo Report** 

**Report Issued** 05/01/2023 08:42 **Last Report Issued** 01/25/2023 14:22

88888

Clinical Example Report Attn: Example Reports 200 Welsh Road Horsham, PA 19044 Patient Name NA
Patient ID 3427SP-POS
Chain 23000147
DOB Not Given
Sex Not Given

Workorder 23000147

**Received** 01/25/2023

Lab ID 23000147-001 Matrix Serum or Plasma Patient Name NA Patient ID 3427SP-POS

Container Type Black Cap Glass Container

Receipt Notes None Entered

Collect Dt/Tm Not Given Source Not Given

Approx Vol/Weight Not Given

| Analysis and Comments   | Result         | Units | Reporting<br>Limit | Notes    |
|---|----------------|-------|--------------------|----------|
| 3427SP Perfluoroalkyl Substances (PFAS),<br>Serum/Plasma  |                |       |                    |          |
| Analysis by High Performance Liquid Chromatography/<br>Tandem Mass Spectrometry (LC-MS/MS)  |                |       |                    |          |
| PFBS  | 1.0            | ng/mL | 0.10               | ELEVATED |
| Synonym(s): Perfluorobutane Sulfonic Acid   |                |       |                    |          |
| General U.S. population from CDC-NHANES (2013-2014) (n=2168) is typically below 0.10 ng/mL (95th percentile)                            |                |       |                    |          |
| PFHpA   | 2.0            | ng/mL | 0.10               | ELEVATED |
| Synonym(s): Perfluoroheptanoic Acid   |                |       |                    |          |
| General U.S. population from CDC-NHANES (2013-2014) (n=2168) is typically below 0.20 ng/mL (95% CI, 0.10-0.20 ng/mL) (95th percentile)  |                |       |                    |          |
| Branched PFOA Isomers   | 3.0            | ng/mL | 0.10               | ELEVATED |
| Synonym(s): Perfluorooctanoic Acid (PFOA) branched isc  | omers; Sb-PFOA |       |                    |          |
| 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  | 4.0            | ng/mL | 0.10               | ELEVATED |
| Synonym(s): n-PFOA; n-Perfluorooctanoic Acid (PFOA) li  | near isomer    |       |                    |          |

Results for sample 23000147-001 are continued on next page

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Lab ID 23000147-001 Matrix Serum or Plasma Patient Name NA Patient ID 3427SP-POS

(PFOS) isomers

Collect Dt/Tm Not Given Source Not Given

| Analysis and   | Comments  | Result                 | Units | Reporting<br>Limit | Notes    |
|----------------|---|------------------------|-------|--------------------|----------|
|                | population from CDC-NHANES (2017-201 pically below 3.7 ng/mL (95% CI, 3.1-5.0 ne)           |                        |       |                    |          |
| Total PFOA Iso | mers  | 7.0                    | ng/mL |                    | ELEVATED |
| Synonym(s):    | Sum of linear and branched Perfluorooc isomers  | tanoic Acid (PFOA)     |       |                    |          |
|                | population from CDC-NHANES (2017-201 pically below 3.77 ng/mL (95% CI, 3.17-5.0 percentile) |                        |       |                    |          |
| PFHxS          |   | 5.0                    | ng/mL | 0.10               | ELEVATED |
| Synonym(s):    | Perfluorohexane Sulfonic Acid   |                        |       |                    |          |
|                | oopulation from CDC-NHANES (2017-201<br>pically below 3.7 ng/mL (95% CI, 3.3-5.6 n<br>e)    |                        |       |                    |          |
| PFNA           |   | 6.0                    | ng/mL | 0.10               | ELEVATED |
| Synonym(s):    | Perfluorononanoic Acid  |                        |       |                    |          |
|                | population from CDC-NHANES (2017-201<br>pically below 1.4 ng/mL (95% Cl, 1.1-1.8 n<br>e)    |                        |       |                    |          |
| Branched PFO   | S Isomers   | 7.0                    | ng/mL | 0.10               | ELEVATED |
| Synonym(s):    | Perfluoromethylheptane Sulfonic Acid (Fisomers; Sm-PFOS                                     | PFOS) branched         |       |                    |          |
|                | oopulation from CDC-NHANES (2017-201<br>pically below 4.5 ng/mL (95% CI, 3.8-5.4 n<br>e)    |                        |       |                    |          |
| Linear PFOS Is | somer   | 8.0                    | ng/mL | 0.10               |          |
| Synonym(s):    | n-PFOS; n-Perfluorooctane Sulfonic Acid   | d (PFOS) linear isomer |       |                    |          |
| Comment:       | Substance(s) known to interfere with the quantity of the reported result: 1-Methyl          |                        |       |                    |          |
|                | copulation from CDC-NHANES (2017-201 pically below 10.4 ng/mL (95% CI, 9.4-12.0 percentile) |                        |       |                    |          |
| Total PFOS Isc | omers   | 15.0                   | ng/mL |                    | ELEVATED |
| Synonym(s):    | Sum of linear and branched Perfluorooc  | tane Sulfonic Acid     | -     |                    |          |

Results for sample 23000147-001 are continued on next page



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Lab ID 23000147-001 Matrix Serum or Plasma Patient Name NA Patient ID 3427SP-POS Collect Dt/Tm Not Given Source Not Given

Analysis and Comments Result Units Reporting Notes

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)

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.

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