

How to Read Your Lab Report

This document was prepared by the New Hampshire Department of Health and Human Services, Division of Public Health Services.

FINAL LABORATORY REPORT Report Date

Biggs Laboratory
NYS ELAP ID: 10763

Specimen Id: EHS1600001001-01
Submitter's Specimen Id: PT001

Bio-Organic Analytical Chemistry Laboratory
Lab Director: Dr. K. Aldous 518-473-0030
Clinical tests performed at CLIA#
33D0654341

Specimen Type: Serum

Concentration of the specific PFC in the general U.S. population*

The specific PFC being reported

Perfluorinated Compounds by HPLC-Electrospray/Tandem Mass Spectrometry (See *a*)

Analyte	Result	Reference Range	
Perfluorooctanoic acid (PFOA):	16.5 ug/L	2.08 ug/L (Geometric Mean) 5.68 ug/L (95th pct1) <0.1 - 43.0 ug/L (Range)	9/30/2016
Perfluorooctane sulfonic acid (PFOS):	17.7 ug/L	6.31 ug/L (Geometric Mean) 21.7 ug/L (95th pct1) 0.14 - 235 ug/L (Range)	9/30/2016
Perfluorononanoic acid (PFNA):	17.3 ug/L	0.881 ug/L (Geometric Mean) 2.54 ug/L (95th pct1) <0.1 - 80.8 ug/L (Range)	9/30/2016
Perfluorohexane sulfonic acid (PFHxS):	16.8 ug/L	1.28 ug/L (Geometric Mean) 5.44 ug/L (95th pct1)	9/30/2016
Perfluorobutane sulfonic acid (PFBS):	17.4 ug/L	<0.1 - 47.8 ug/L (Range) NC (Geometric Mean) <0.1 ug/L (95th pct1)	9/30/2016
Perfluoroheptanoic acid (PFHpA):	17.2 ug/L	<0.1 - 0.8 ug/L (Range) NC (Geometric Mean) 0.220 ug/L (95th pct1) <0.1 - 1.0 ug/L (Range)	9/30/2016

Geometric Mean: The average concentration of this PFC in the general U.S. population

95th Percentile: 95% of the general U.S. population has less than this amount of this PFC in their blood.

Range: Lowest and highest concentrations of this PFC in the general U.S. population

The amount of this PFC in your blood sample

*These reference statistics represent the general U.S. population as measured by the NHANES study in 2011-2012
https://www.cdc.gov/nchs/nhanes/search/nhanes11_12.aspx.