

Client: Example Client ABC123  
123 Test Drive  
Salt Lake City, UT 84108  
UNITED STATES

Physician: Doctor, Example

**Patient: Patient, Example**

**DOB:** 9/10/1967  
**Sex:** Male  
**Patient Identifiers:** 01234567890ABCD, 012345  
**Visit Number (FIN):** 01234567890ABCD  
**Collection Date:** 01/01/2017 12:34

**Polychlorinated Biphenyls (PCB) Panel, Congeners, Serum or Plasma**

ARUP test code 2013230

|                 |  |
|-----------------|--|
| PCB Congener 28 | <p>None Det mcg/L<br/>Plasma<br/>Reporting Limit: 0.020 mcg/L</p> <p>U.S. Population (NHANES 2003-2004) is generally less than 0.068 mcg/L (assumes serum density of 1.024 g/mL)<br/>Canadian Population (Health Canada 2007-2009) is generally less than 0.05 mcg/L<br/>Analysis by Gas Chromatography/Tandem Mass Spectrometry (GC-MS/MS)</p>  |
| PCB Congener 44 | <p>None Det mcg/L<br/>Plasma<br/>Reporting Limit: 0.010 mcg/L</p> <p>U.S. Population (NHANES 2003-2004) is generally less than 0.032 mcg/L (assumes serum density of 1.024 g/mL)<br/>Analysis by Gas Chromatography/Tandem Mass Spectrometry (GC-MS/MS)</p>  |
| PCB Congener 52 | <p>0.016 mcg/L<br/>Plasma<br/>Reporting Limit: 0.010 mcg/L</p> <p>Comment:<br/>Substance(s) known to interfere with the identity and/or quantity of the reported result:<br/>2,3',5',6-Tetrachlorobiphenyl (PCB 73)<br/>U.S. Population (NHANES 2003-2004) is generally less than 0.044 mcg/L (assumes serum density of 1.024 g/mL)<br/>Analysis by Gas Chromatography/Tandem Mass Spectrometry (GC-MS/MS)</p> |
| PCB Congener 66 | <p>None Det mcg/L<br/>Plasma<br/>Reporting Limit: 0.010 mcg/L</p> <p>Comment:<br/>Substance(s) known to interfere with the identity and/or quantity of the reported result:<br/>3,3',5,5'-Tetrachlorobiphenyl (PCB 80)<br/>U.S. Population (NHANES 2003-2004) is generally less than 0.025 mcg/L (assumes serum density of 1.024 g/mL)</p>   |

**H=High, L=Low, \*=Abnormal, C=Critical**

Unless otherwise indicated, testing performed at:

**ARUP LABORATORIES | 800-522-2787 | aruplab.com**  
500 Chipeta Way, Salt Lake City, UT 84108-1221  
Jonathan R. Genzen, MD, PhD, Laboratory Director

Patient: Patient, Example  
ARUP Accession: 22-125-120289  
Patient Identifiers: 01234567890ABCD, 012345  
Visit Number (FIN): 01234567890ABCD  
Page 1 of 4 | Printed: 10/19/2022 7:36:10 AM

Canadian Population (Health Canada 2007-2009) is generally less than 0.03 mcg/L  
Analysis by Gas Chromatography/Tandem Mass Spectrometry (GC-MS/MS)

PCB Congener 74

0.029 mcg/L

Plasma  
Reporting Limit: 0.020 mcg/L

Comment:  
Substance(s) known to interfere with the identity and/or quantity of the reported result:  
2,3,4,5-Tetrachlorobiphenyl (PCB 61)  
U.S. Population (NHANES 2003-2004) is generally less than 0.15 mcg/L (assumes serum density of 1.024 g/mL)  
Canadian Population (Health Canada 2007-2009) is generally less than 0.10 mcg/L  
Analysis by Gas Chromatography/Tandem Mass Spectrometry (GC-MS/MS)

PCB Congener 101

None Det mcg/L

Plasma  
Reporting Limit: 0.010 mcg/L

Comment:  
Substance(s) known to interfere with the identity and/or quantity of the reported result:  
2,2',3,4,6'-Pentachlorobiphenyl (PCB 89)  
U.S. Population (NHANES 2003-2004) is generally less than 0.033 mcg/L (assumes serum density of 1.024 g/mL)  
Canadian Population (Health Canada 2007-2009) is generally less than 0.03 mcg/L  
Analysis by Gas Chromatography/Tandem Mass Spectrometry (GC-MS/MS)

PCB Congener 118

0.041 mcg/L

Plasma  
Reporting Limit: 0.020 mcg/L

Comment:  
Substance(s) known to interfere with the identity and/or quantity of the reported result:  
2,3,3',4,5-Pentachlorobiphenyl (PCB 106)  
U.S. Population (NHANES 2003-2004) is generally less than 0.22 mcg/L (assumes serum density of 1.024 g/mL)  
Canadian Population (Health Canada 2007-2009) is generally less than 0.12 mcg/L  
Analysis by Gas Chromatography/Tandem Mass Spectrometry (GC-MS/MS)

PCB Congener 138

Not Reported

|                |              |
|----------------|--------------|
| Matrix         | Plasma       |
| Source         | Not Given    |
| Container Type | Clear Vial   |
| Receipt Notes  | None Entered |

| Analysis and Comments              | Result | Units | Reporting Limit | Notes |
|------------------------------------|--------|-------|-----------------|-------|
| -----                              |        |       |                 |       |
| PCB Panel, Congeners, Serum/Plasma |        |       |                 |       |

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Page 2 of 4 | Printed: 10/19/2022 7:36:10 AM

Analysis by Gas Chromatography/Tandem Mass Spectrometry (GC-MS/MS)

2,2',3,4,4',5'-Hexachlorobiphenyl (PCB 138)

Comment: Test was canceled due to  
[Interfering Substance].

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.

Test performed at:  
NMS Labs  
200 Welsh Road  
Horsham, PA 19044

PCB Congener 153

0.15 mcg/L

Plasma  
Reporting Limit: 0.080 mcg/L

U.S. Population (NHANES 2003-2004) is generally less than 0.63 mcg/L (assumes serum density of 1.024 g/mL)  
Canadian Population (Health Canada 2007-2009) is generally less than 0.54 mcg/L  
Analysis by Gas Chromatography/Tandem Mass Spectrometry (GC-MS/MS)

PCB Congener 156

0.016 mcg/L

Plasma  
Reporting Limit: 0.010 mcg/L

U.S. Population (NHANES 2003-2004) is generally less than 0.10 mcg/L (assumes serum density of 1.024 g/mL)  
Canadian Population (Health Canada 2007-2009) is generally less than 0.07 mcg/L  
Analysis by Gas Chromatography/Tandem Mass Spectrometry (GC-MS/MS)

PCB Congener 180

0.30 mcg/L

Plasma  
Reporting Limit: 0.080 mcg/L

U.S. Population (NHANES 2003-2004) is generally less than 0.54 mcg/L (assumes serum density of 1.024 g/mL)  
Canadian Population (Health Canada 2007-2009) is generally less than 0.49 mcg/L  
Analysis by Gas Chromatography/Tandem Mass Spectrometry (GC-MS/MS)  
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.  
Testing performed at NMS Labs, Inc.  
200 Welsh Road  
Horsham, PA 19044-2208  
CLIA 39D0197898

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Page 3 of 4 | Printed: 10/19/2022 7:36:10 AM

VERIFIED/REPORTED DATES

| Procedure        | Accession     | Collected            | Received             | Verified/Reported    |
|------------------|---------------|----------------------|----------------------|----------------------|
| PCB Congener 28  | 22-125-120289 | 5/5/2022 12:51:00 PM | 5/7/2022 10:38:16 AM | 5/16/2022 4:12:00 PM |
| PCB Congener 44  | 22-125-120289 | 5/5/2022 12:51:00 PM | 5/7/2022 10:38:16 AM | 5/16/2022 4:12:00 PM |
| PCB Congener 52  | 22-125-120289 | 5/5/2022 12:51:00 PM | 5/7/2022 10:38:16 AM | 5/16/2022 4:12:00 PM |
| PCB Congener 66  | 22-125-120289 | 5/5/2022 12:51:00 PM | 5/7/2022 10:38:16 AM | 5/16/2022 4:12:00 PM |
| PCB Congener 74  | 22-125-120289 | 5/5/2022 12:51:00 PM | 5/7/2022 10:38:16 AM | 5/16/2022 4:12:00 PM |
| PCB Congener 101 | 22-125-120289 | 5/5/2022 12:51:00 PM | 5/7/2022 10:38:16 AM | 5/16/2022 4:12:00 PM |
| PCB Congener 118 | 22-125-120289 | 5/5/2022 12:51:00 PM | 5/7/2022 10:38:16 AM | 5/16/2022 4:12:00 PM |
| PCB Congener 138 | 22-125-120289 | 5/5/2022 12:51:00 PM | 5/7/2022 10:38:16 AM | 5/21/2022 5:28:00 PM |
| PCB Congener 153 | 22-125-120289 | 5/5/2022 12:51:00 PM | 5/7/2022 10:38:16 AM | 5/16/2022 4:12:00 PM |
| PCB Congener 156 | 22-125-120289 | 5/5/2022 12:51:00 PM | 5/7/2022 10:38:16 AM | 5/16/2022 4:12:00 PM |
| PCB Congener 180 | 22-125-120289 | 5/5/2022 12:51:00 PM | 5/7/2022 10:38:16 AM | 5/16/2022 4:12:00 PM |

END OF CHART

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