

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

Physician: Doctor, Example

**Patient: Patient, Example**

**DOB:** 10/24/1955  
**Gender:** 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                      None Det mcg/L  
Serum  
Reporting Limit: 0.020 mcg/L  
U.S. Population (NHANES 2003-2004) is generally less  
than 0.068 mcg/L (assumes serum density of 1.024 g/mL)  
Canadian Population (Health Canada 2007-2009) is  
generally less than 0.05 mcg/L  
Analysis by Gas Chromatography/Tandem Mass  
Spectrometry (GC-MS/MS)

PCB Congener 44                      None Det mcg/L  
Serum  
Reporting Limit: 0.010 mcg/L  
U.S. Population (NHANES 2003-2004) is generally less  
than 0.032 mcg/L (assumes serum density of 1.024 g/mL)  
Analysis by Gas Chromatography/Tandem Mass  
Spectrometry (GC-MS/MS)

PCB Congener 52                      None Det mcg/L  
Serum  
Reporting Limit: 0.010 mcg/L  
U.S. Population (NHANES 2003-2004) is generally less  
than 0.044 mcg/L (assumes serum density of 1.024 g/mL)  
Substance(s) known to interfere with the identity  
and/or quantity of the reported result:  
2,3',5',6-Tetrachlorobiphenyl (PCB 73).  
Analysis by Gas Chromatography/Tandem Mass  
Spectrometry (GC-MS/MS)

PCB Congener 66                      None Det mcg/L

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

Unless otherwise indicated, testing performed at:

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Serum  
Reporting Limit: 0.010 mcg/L  
U.S. Population (NHANES 2003-2004) is generally less than 0.025 mcg/L (assumes serum density of 1.024 g/mL)  
Canadian Population (Health Canada 2007-2009) is generally less than 0.03 mcg/L  
Substance(s) known to interfere with the identity and/or quantity of the reported result:  
3,3',5,5'-Tetrachlorobiphenyl (PCB 80).  
Analysis by Gas Chromatography/Tandem Mass Spectrometry (GC-MS/MS)

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PCB Congener 74

None Det mcg/L

Serum  
Reporting Limit: 0.020 mcg/L  
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  
Substance(s) known to interfere with the identity and/or quantity of the reported result:  
2,3,4,5-Tetrachlorobiphenyl (PCB 61).  
Analysis by Gas Chromatography/Tandem Mass Spectrometry (GC-MS/MS)

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PCB Congener 101

None Det mcg/L

Serum  
Reporting Limit: 0.010 mcg/L  
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  
Substance(s) known to interfere with the identity and/or quantity of the reported result:  
2,2',3,4,6'-Pentachlorobiphenyl (PCB 89).  
Analysis by Gas Chromatography/Tandem Mass Spectrometry (GC-MS/MS)

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PCB Congener 118

None Det mcg/L

Serum  
Reporting Limit: 0.020 mcg/L  
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  
Substance(s) known to interfere with the identity and/or quantity of the reported result:  
2,3,3',4,5-Pentachlorobiphenyl (PCB 106).  
Analysis by Gas Chromatography/Tandem Mass Spectrometry (GC-MS/MS)

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PCB Congener 138

0.12 mcg/L

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Unless otherwise indicated, testing performed at:

**ARUP LABORATORIES | 800-522-2787 | aruplab.com**  
500 Chipeta Way, Salt Lake City, UT 84108-1221  
Tracy I. George, MD, Laboratory Director

Patient: Patient, Example  
ARUP Accession: 18-312-133256  
Patient Identifiers: 01234567890ABCD, 012345  
Visit Number (FIN): 01234567890ABCD  
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Serum  
Reporting Limit: 0.040 mcg/L  
U.S. Population (NHANES 2003-2004) for PCB congeners 138 and 158 is generally less than 0.48 mcg/L (assumes serum density of 1.024 g/mL)  
Canadian Population (Health Canada 2007-2009) for PCB congener 138 only is generally less than 0.28 mcg/L  
Substance(s) known to interfere with the identity and/or quantity of the reported result:  
2,3,3',4,4',6-Hexachlorobiphenyl (PCB 158);  
2,3,3',4',5,6-Hexachlorobiphenyl (PCB 163);  
2,3,3',4',5',6-Hexachlorobiphenyl (PCB 164).  
Analysis by Gas Chromatography/Tandem Mass Spectrometry (GC-MS/MS)

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PCB Congener 153

0.16 mcg/L

Serum  
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)

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PCB Congener 156

0.019 mcg/L

Serum  
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)

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PCB Congener 180

0.12 mcg/L

Serum  
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)  
Testing performed at NMS Labs, Inc.  
3701 Welsh Road  
Willow Grove, PA 19090-2910  
CLIA 39D0197898

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VERIFIED/REPORTED DATES

Procedure	Accession	Collected	Received	Verified/Reported
PCB Congener 28	18-312-133256	11/8/2018 9:19:00 AM	11/12/2018 10:26:24 AM	11/16/2018 10:20:00 AM
PCB Congener 44	18-312-133256	11/8/2018 9:19:00 AM	11/12/2018 10:26:24 AM	11/16/2018 10:20:00 AM
PCB Congener 52	18-312-133256	11/8/2018 9:19:00 AM	11/12/2018 10:26:24 AM	11/16/2018 10:20:00 AM
PCB Congener 66	18-312-133256	11/8/2018 9:19:00 AM	11/12/2018 10:26:24 AM	11/16/2018 10:20:00 AM
PCB Congener 74	18-312-133256	11/8/2018 9:19:00 AM	11/12/2018 10:26:24 AM	11/16/2018 10:20:00 AM
PCB Congener 101	18-312-133256	11/8/2018 9:19:00 AM	11/12/2018 10:26:24 AM	11/16/2018 10:20:00 AM
PCB Congener 118	18-312-133256	11/8/2018 9:19:00 AM	11/12/2018 10:26:24 AM	11/16/2018 10:20:00 AM
PCB Congener 138	18-312-133256	11/8/2018 9:19:00 AM	11/12/2018 10:26:24 AM	11/16/2018 10:20:00 AM
PCB Congener 153	18-312-133256	11/8/2018 9:19:00 AM	11/12/2018 10:26:24 AM	11/16/2018 10:20:00 AM
PCB Congener 156	18-312-133256	11/8/2018 9:19:00 AM	11/12/2018 10:26:24 AM	11/16/2018 10:20:00 AM
PCB Congener 180	18-312-133256	11/8/2018 9:19:00 AM	11/12/2018 10:26:24 AM	11/16/2018 10:20:00 AM

END OF CHART

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