

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

Physician: Doctor, Example

Patient: Patient, Example

DOB: 1/8/1975
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 or Plasma
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 or Plasma
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 or Plasma
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:

Serum or Plasma
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)

PCB Congener 74

None Det mcg/L
Serum or Plasma
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)

PCB Congener 101

None Det mcg/L
Serum or Plasma
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)

PCB Congener 118

None Det mcg/L
Serum or Plasma
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)

PCB Congener 138

None Det mcg/L

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
Tracy I. George, MD, Laboratory Director

Patient: Patient, Example
ARUP Accession: 18-311-132650
Patient Identifiers: 01234567890ABCD, 012345
Visit Number (FIN): 01234567890ABCD
Page 2 of 4 | Printed: 12/9/2020 7:30:19 AM
4848

Serum or Plasma
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)

PCB Congener 153

None Det mcg/L
Serum or 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

None Det mcg/L
Serum or 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

None Det mcg/L
Serum or 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)
Testing performed at NMS Labs, Inc.
3701 Welsh Road
Willow Grove, PA 19090-2910
CLIA 39D0197898

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

Unless otherwise indicated, testing performed at:

VERIFIED/REPORTED DATES

Procedure	Accession	Collected	Received	Verified/Reported
PCB Congener 28	18-311-132650	11/7/2018 1:31:00 PM	11/10/2018 8:13:23 AM	11/16/2018 10:21:00 AM
PCB Congener 44	18-311-132650	11/7/2018 1:31:00 PM	11/10/2018 8:13:23 AM	11/16/2018 10:21:00 AM
PCB Congener 52	18-311-132650	11/7/2018 1:31:00 PM	11/10/2018 8:13:23 AM	11/16/2018 10:21:00 AM
PCB Congener 66	18-311-132650	11/7/2018 1:31:00 PM	11/10/2018 8:13:23 AM	11/16/2018 10:21:00 AM
PCB Congener 74	18-311-132650	11/7/2018 1:31:00 PM	11/10/2018 8:13:23 AM	11/16/2018 10:21:00 AM
PCB Congener 101	18-311-132650	11/7/2018 1:31:00 PM	11/10/2018 8:13:23 AM	11/16/2018 10:21:00 AM
PCB Congener 118	18-311-132650	11/7/2018 1:31:00 PM	11/10/2018 8:13:23 AM	11/16/2018 10:21:00 AM
PCB Congener 138	18-311-132650	11/7/2018 1:31:00 PM	11/10/2018 8:13:23 AM	11/16/2018 10:21:00 AM
PCB Congener 153	18-311-132650	11/7/2018 1:31:00 PM	11/10/2018 8:13:23 AM	11/16/2018 10:21:00 AM
PCB Congener 156	18-311-132650	11/7/2018 1:31:00 PM	11/10/2018 8:13:23 AM	11/16/2018 10:21:00 AM
PCB Congener 180	18-311-132650	11/7/2018 1:31:00 PM	11/10/2018 8:13:23 AM	11/16/2018 10:21:00 AM

END OF CHART

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
Tracy I. George, MD, Laboratory Director

Patient: Patient, Example
ARUP Accession: 18-311-132650
Patient Identifiers: 01234567890ABCD, 012345
Visit Number (FIN): 01234567890ABCD
Page 4 of 4 | Printed: 12/9/2020 7:30:19 AM
4848