

TEST CHANGE

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

2013230, PCB PAN

Specimen Requirements:

Patient Preparation:

Collect: Plain ~~Red, Lavender (K2-EDTA)~~~~red, lavender (K2EDTA)~~, or ~~Pink (K2-EDTA)~~~~pink (K2EDTA)~~.

Specimen Preparation: Separate from cells ASAP or within 2 hours of collection. Transfer 2 mL serum or plasma to an ARUP ~~Standard Transport Tube~~~~standard transport tube~~. (Min: 0.7 mL)
Test is not performed at ARUP; separate specimens must be submitted when multiple tests are ordered.

Transport Temperature: ~~Refrigerated~~~~Frozen~~. Also acceptable: ~~Frozen~~~~Refrigerated~~.

Unacceptable Conditions: ~~Separator tubes~~~~Polymer gel separation tube (SST or PST)~~.

Remarks:

Stability: Ambient: ~~48 hours~~~~2 days~~; Refrigerated: 2 weeks; Frozen: 1 year

Methodology: Quantitative Gas Chromatography-Tandem Mass Spectrometry

Note:

Panel includes: 2,4,4'-Trichlorobiphenyl (PCB 28); 2,2',3,5'-Tetrachlorobiphenyl (PCB 44); 2,2',5,5'-Tetrachlorobiphenyl (PCB 52); 2,3',4,4'-Tetrachlorobiphenyl (PCB 66); 2,4,4',5-Tetrachlorobiphenyl (PCB 74); 2,2',4,5,5'-Pentachlorobiphenyl (PCB 101); 2,3',4,4',5-Pentachlorobiphenyl (PCB 118); 2,2',3,4,4',5'-Hexachlorobiphenyl (PCB 138); 2,2',4,4',5,5'-Hexachlorobiphenyl (PCB 153); 2,3,3',4,4',5-Hexachlorobiphenyl (PCB 156); 2,2',3,4,4',5,5'-Heptachlorobiphenyl (PCB 180).

~~Known Interferences: 2,2',3,4,4',5'-Hexachlorobiphenyl (PCB 138); 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); 2,2',4,5,5'-Pentachlorobiphenyl (PCB 101); 2,2',3,4,6'-Pentachlorobiphenyl (PCB 89); 2,2',5,5'-Tetrachlorobiphenyl (PCB 52); 2,3',5',6-Tetrachlorobiphenyl (PCB 73); 2,3',4,4',5-Pentachlorobiphenyl (PCB 118); 2,3,3',4,5-Pentachlorobiphenyl (PCB 106); 2,3',4,4'-Tetrachlorobiphenyl (PCB 66); 3,3',5,5'-Tetrachlorobiphenyl (PCB 80); 2,4,4',5-Tetrachlorobiphenyl (PCB 74); 2,3,4,5-Tetrachlorobiphenyl (PCB 61).~~

CPT Codes: 82441

New York DOH Approval Status: This test is New York DOH approved.

Interpretive Data:



*A nonprofit enterprise of the University of Utah
and its Department of Pathology*

Effective Date: **August 3, 2026**

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Reference Interval:

[Refer to report](#)

{Hotline notes}

Inserted Cells