

**Ordering Physician:**  
**Robert David, PhD**  
**3425 Corporate Way**  
**Duluth, GA 30096**

Accession #: **A1105120007**  
 Reference #:  
 Patient: **Sample Report**  
 Date of Birth: 02/05/1962  
 Age: 49  
 Sex: Female  
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 Reprinted: 11/14/2011  
 Comment:

Date Collected: 05/11/2011  
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## 0761 Polychlorinated Biphenyls (PCBs)

Methodology: Gas Chromatography/Mass Spectrometry

Compound Tested	Results ppb	95th Percentile** ppb	Lipid Adjusted Results (ng/g lipid)	95th Percentile** (ng/g lipid)
<b>Dioxin-like Polychlorinated Biphenyls</b>				
1. PCB 118	Not Detected	0.22	N/A	31.3
2. PCB 126	Not Detected	0.00048	N/A	0.069
3. PCB 156	Not Detected	0.10	N/A	15.3
4. PCB 169	Not Detected	0.00027	N/A	0.041
<b>Non-Dioxin-like Polychlorinated Biphenyls</b>				
5. PCB 74	Not Detected	0.15	N/A	22.3
6. PCB 138	<b>Detected</b> 0.29	0.48	<b>Detected</b> 52.03	75.3
7. PCB 153	<b>Detected</b> 0.63	0.62	<b>Detected</b> 113	97.1
8. PCB 180	<b>Detected</b> 0.08 - 0.26*	0.53	<b>Detected</b> 14.4 - 46.6*	81.5
Cholesterol	185	<= 200	mg/dL	
Triglycerides	152	35 - 160	mg/dL	
Total Lipids (calc.)†	6		g/L	

\* Patient value falls in this range.

\*\* 95th percentile values are from the NHANES Fourth National Report on Human Exposure to Environmental Chemicals, CDC, 2009.

These levels provide a reference range to determine whether an individual has been exposed to higher levels of toxicants than found in the general population.

† Covaci A, Voorspoels S, Thomsen C, van Bavel B., Neels H. Evaluation of total lipids using enzymatic methods for the normalization of persistent organic pollutant levels in serum. *Science of the Total Environment* 366(2006) 361-366.

For interpretive information, visit [www.metamatrix.com/pcbs](http://www.metamatrix.com/pcbs) and select the Interpretive Guide from the downloads tab.