



Accession Number: **A1001190097**

Reference Number:

Patient: Sample Report

Age: 47 Sex: Female

Date of Birth: 02/05/1962

Date Collected: 1/18/10

Date Received: 1/19/10

Report Date: 1/19/10

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Reprinted: 5/25/10

Comment:

Ordering Physician:

Metametrix

3425 Corporate Way
Duluth, GA 30096

0760 Chlorinated Pesticides - Serum

Methodology: Gas Chromatography/Mass Spectrometry

	Results (ppb)	95th Percentile** (ppb)	Lipid Adjusted Results (ng/g lipid)	95th Percentile** (ng/g lipid)
DDE	Detected 12.90	12.10	Detected 2,378.0	1860
DDT	Not Detected	0.13	N/A	19.5
Dieldrin	Detected 2.39	0.14	Detected 440.6	19.0
Heptachlor Epoxide	Not Detected	0.13	N/A	18.9
Hexachlorobenzene (HCB)	Not Detected	0.19	N/A	28.9
Mirex	Not Detected	0.09	N/A	13.2
Oxychlordane	Not Detected	0.27	N/A	37.7
trans-Nonachlor	Detected 0.05 - 0.15*	0.47	Detected 9.2 - 27.7*	68.3
Cholesterol	180	<= 200 mg/dL		
Triglycerides	145	35 - 160 mg/dL		
Total Lipids (calc.)***	5	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.

***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 interpretative information, visit www.metametrix.com/cp and select the Interpretative Guide from the Downloads tab.

Finding a measurable amount of one or more chlorinated pesticides in serum does not mean that the level of one or more of these causes an adverse health effect. Whether the concentrations reported here are a cause for health concern is not yet known; more research is needed. These levels provide physicians with a reference range so that they can determine whether or not people have been exposed to higher levels of chlorinated pesticides than levels found in the general population.
--Third National Report on Human Exposure to Environmental Chemicals, CDC 2005