



Accession Number: **A0904210024**

Reference Number:

Patient: Sample Report

Age: 47 Sex: Female

Date of Birth: 02/05/1962

Date Collected: 4/20/09

Date Received: 4/21/09

Report Date: 4/24/09

Telephone: (770) 446-4583

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Reprinted: 5/20/09

Comment:

Ordering Physician:

Metamatrix

3425 Corporate Way
Duluth, GA 30096

0760 AccuChem Chlorinated Pesticides - Serum

Methodology: Gas Chromatography/Mass Spectrometry

	Results	95th Percentile** (ppb)	Lipid Adjusted Results	95th Percentile** (ng/g lipid)
DDE	Not Detected	15.4	N/A	2320
DDT	1.5	0.2	258.5	26.5
Dieldrin	Detected 1.7 - 5.8*	0.1	Detected 299.9 - 999.6*	20.3
Heptachlor Epoxide	Not Detected	0.2	N/A	21.6
Hexachlorobenzene (HCB)	Not Detected	<LOD	N/A	<LOD
Mirex	Not Detected	0.4	N/A	57.1
Oxychlorane	Not Detected	0.4	N/A	49.7
trans-Nonachlor	Not Detected	0.6	N/A	78.2
Cholesterol	190	<= 200	mg/dL	
Triglycerides	165 H	35 - 160	mg/dL	
Total Lipids (calc.)***	5.8		g/L	

*Patient value falls in this range.

**95th percentile values are from the NHANES Third National Report on Human Exposure to Environmental Chemicals, CDC 2005.

***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.

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