



Accession Number: **A0904260013**

Reference Number:

Patient: **Sample Report**

Age: 47 *Sex:* Female

Date of Birth: 02/05/1962

Date Collected: 4/25/09

Date Received: 4/26/09

Report Date: 4/27/09

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Reprinted: 5/12/09

Comment:

Metametrix

3425 Corporate Way
Duluth, GA 30096

0146 Metabolic Syndrome - Serum & Plasma

Reference ranges have been changed for plasma fatty acids due to method improvements.

Ordering Physician:

Metamatrix

3425 Corporate Way
 Duluth, GA 30096

0146 Metabolic Syndrome - Serum & Plasma

Methodology: Immunometric Assay, Enzymatic Assay, GC/MS, LC/Tandem Mass Spectrometry

Insulin Sensitivity
(Cr, V, Lipoate)

Results	Low Limit	High Limit	Reference Limits
Insulin 19.0 H			2.0 - 12.0 uIU/mL
Glucose 109 H			70 - 105 mg/dL
HDL Cholesterol 100			35 - 110 mg/dL
Triglycerides 165 H			35 - 160 mg/dL

Ranges are for ages 13 and over

Nitric Oxide Inhibition
(Folate, antioxidants)

Results	Percentile Ranking by Quintile	Reference Limits
Asymmetric Dimethylarginine (ADMA) 0.58 H	0.54 (95% Reference Interval)	0.26 - 0.67 umol/L
Arginine 70	54	37 - 101 umol/L
Arginine/ADMA 121	115	80 - 248

Ranges are for ages 13 and over

Eicosanoid Balance
(Fatty acids)

Results	Percentile Ranking by Quintile	Reference Limits
Eicosapentaenoic (20:5n3) 73	14	8 - 225 uM
Arachidonic (20:4n6) 653 H	186	137 - 560 uM
AA/EPA 8.9	20.3	1.3 - 41.0

State of Wellness	AA/EPA Ratio as Recommended by Barry Sears Ph.D.*
High Risk	> 15
Moderate Risk	> 10
Good	3-10
Ideal	< 3

* Sears, Barry. *The Omega Rx Zone*. New York: HarperCollins Publishers Inc., 2002.

These test results are not for the diagnosis of disease. They are intended to provide nutritional guidelines to qualified healthcare professionals with full knowledge of patient history and concerns to assist in their design of an appropriate healthcare program.