



Accession Number: **A0902200109**

Reference Number:

Patient: Jane Doe

Age: 29 *Sex:* Female

Date of Birth: 11/10/1979

Date Collected: 2/19/09

Date Received: 2/20/09

Report Date: 2/20/09

Telephone: (770) 446-4583

Fax: (770) 441-2237

Reprinted: 2/26/09

Comment:

Ordering Physician:

Metamatrix

3425 Corporate Way

Duluth, GA 30096

0051 Lipid Peroxides (TBARS) - Serum

Reference ranges have been changed for lipid peroxides due to method improvements.



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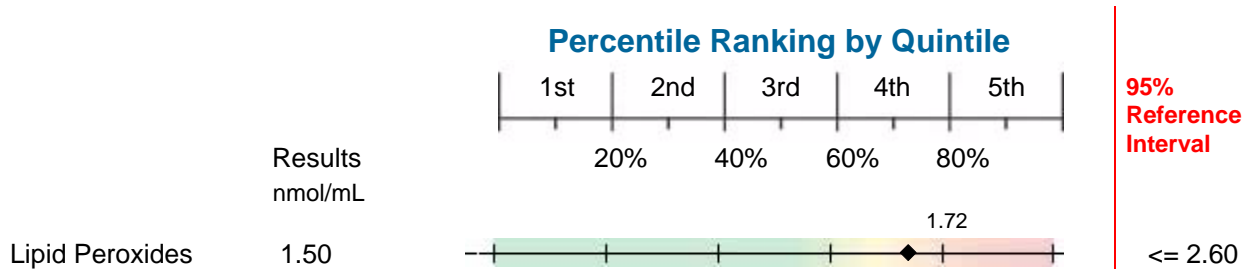
Duluth, GA 30096

0051 Lipid Peroxides (TBARS) - Serum

Methodology: HPLC-TBARS

What are Lipid Peroxides?

In its efforts to produce the chemical energy to power your cells and fight infection, your body makes harmful chemicals called free radicals. Breakdown of your body's cell membranes by free radicals leads to the formation of lipid peroxides. Antioxidants protect you against this process, and the lipid peroxide test tells you if you have enough of these antioxidants in your system. High levels of lipid peroxides are associated with cancer, heart disease, stroke, and aging.



What does my lipid peroxide result mean?

If your lipid peroxides are high, your body is failing to control the rate of formation of free radicals. You can increase your protection by taking vitamins E and C, selenium, beta-carotene, and bioflavonoids. Many products are available that offer combinations of these and other antioxidants that may be beneficial.

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.