

Ordering Physician:

John Doe, MD

**1234 Main St.
Anywhere, GA 30096**

Accession #: **A1304040306**
Order #: G1234567
Reference #:
Patient: **Sample Report**
Date of Birth: 02/05/1962
Age: 51
Sex: Female
Reprinted: 07/10/2013
Comment:

Date Collected: 04/03/2013
Date Received: 04/04/2013
Date of Report: 04/05/2013
Telephone: 7704464583
Fax: 7704412237



0040 Fatty Acids Profile - Plasma

Methodology: Capillary Gas Chromatography/Mass Spectrometry

Fatty Acids Interpretive Guide

For interpretive information, visit www.metamatrix.com/files/test-menu/interpretive-guides/Fatty-Acids-IG.pdf

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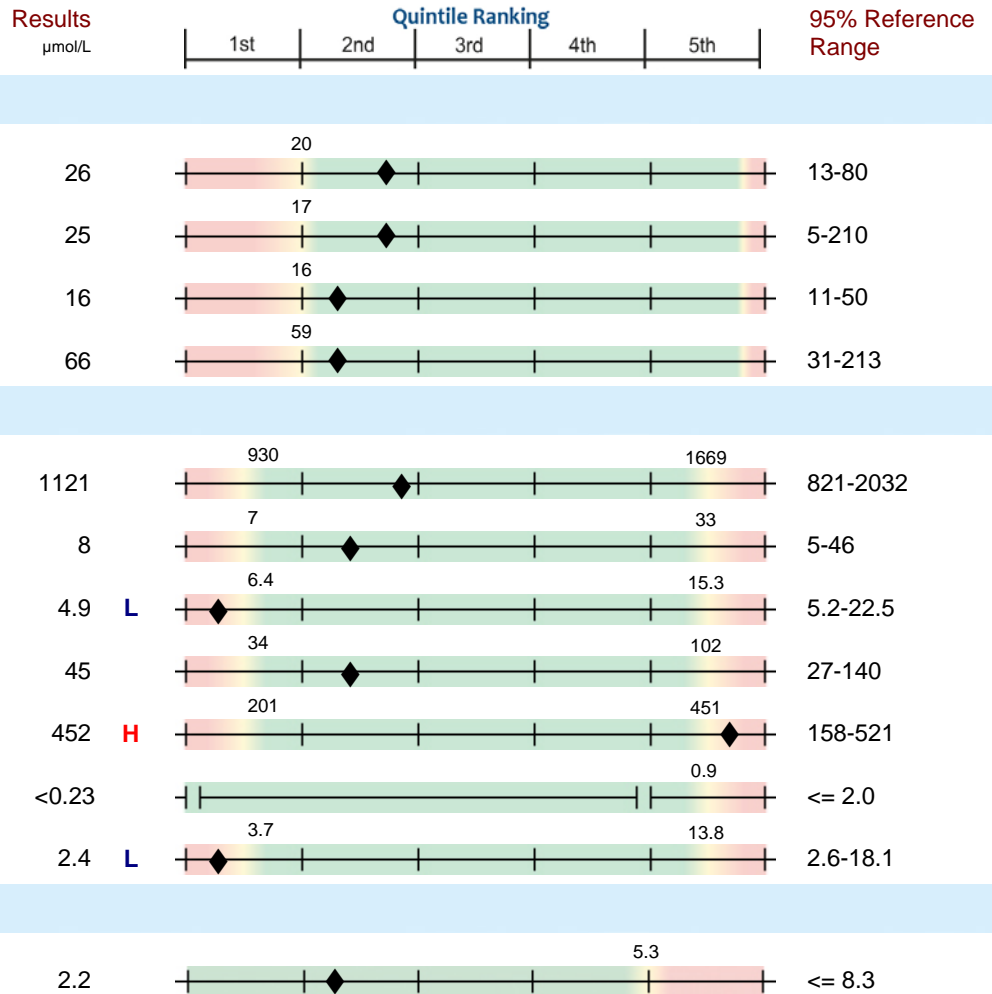
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Ranges are for ages 13 and over





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Results Quintile Ranking 95% Reference Range
 $\mu\text{mol/L}$ | 1st | 2nd | 3rd | 4th | 5th |

Monounsaturated

Acid	Results $\mu\text{mol/L}$	Quintile Ranking	95% Reference Range
13. Myristoleic (14:1n5)	2.4	1.2 — 6.1	0.8-9.7
14. Palmitoleic (16:1n7)	51	40 — 155	30-256
15. Vaccenic (18:1n7)	60	48 — 93	40-122
16. Oleic (18:1n9)	563	555 — 1182	466-1470
17. 11-Eicosenoic (20:1n9)	5.0	4.6 — 10.3	3.7-18.1
18. Nervonic (24:1n9)	1.4	1.1 — 2.2	1.1-2.7

Saturated

Acid	Results $\mu\text{mol/L}$	Quintile Ranking	95% Reference Range
19. Capric (10:0)	1.8	1.4 — 4.0	0.7-6.2
20. Lauric (12:0)	8.0	3.3 — 14.5	2.2-27.3
21. Myristic (14:0)	37	20 — 87	15-139
22. Palmitic (16:0)	857	792 — 1794	667-2526
23. Stearic (18:0)	369	294 — 511	250-629
24. Arachidic (20:0)	2.2	1.5 — 3.2	1.3-4.7
25. Behenic (22:0)	1.3	0.8 — 2.0	0.6-2.9
26. Lignoceric (24:0)	0.98	0.84 — 1.66	0.63-2.45
27. Hexacosanoic (26:0)	<0.27	0.36	<= 0.43



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Odd Chain

Item	Results $\mu\text{mol/L}$	Quintile Ranking	95% Reference Range
28. Pentadecanoic (15:0)	7.1	14.5	≤ 20.6
29. Heptadecanoic (17:0)	11.1	19.3	≤ 24.4
30. Nonadecanoic (19:0)	1.06	1.51	≤ 1.89
31. Heneicosanoic (21:0)	< 0.38	0.50	≤ 0.74
32. Tricosanoic (23:0)	0.38	0.62	≤ 0.78

Trans

33. Palmitelaidic (16:1n7t)	< 0.4	0.4	≤ 1.8
34. Total C:18 Trans	49 H	42	≤ 59

Ratios

35. LA/DGLA	22	30	11-46
36. EPA/DGLA	0.29	0.24	0.07-5.98
37. AA/EPA	18.1	20	1-57
38. Triene/Tetraene	0.005	0.016	≤ 0.023

UC* = Unable to Calculate