

Patient ID SA00043585	Patient Name SAMPLEREP, FAPEP	Birth Date 1966-06-10	Gender F	Age 45
Order Number SA00043585	Client Order Number SA00043585	Ordering Physician Client, Client	Report Notes	
Account Information C7028846 DLMP Rochester		Collected 13 Feb 2012 00:00		

Fatty Acid Profile, Essential, S

Lauric Acid, C12:0	MCR	Stearic Acid, C18:0	MCR
25 nmol/mL	Reference Value 6-90	880 nmol/mL	Reference Value 590-1170
Myristic Acid, C14:0	MCR	EPA, C20:5w3	MCR
325 nmol/mL	Reference Value 30-450	14 nmol/mL	Reference Value 14-100
Hexadecenoic Acid, C16:1w9	MCR	Arachidonic Acid, C20:4w6	MCR
50 nmol/mL	Reference Value 25-105	975 nmol/mL	Reference Value 520-1490
Palmitoleic Acid, C16:1w7	MCR	Mead Acid, C20:3w9	MCR
800 nmol/mL	Reference Value 110-1130	7 nmol/mL	Reference Value 7-30
Palmitic Acid, C16:0	MCR	h-g-Linolenic, C20:3w6	MCR
1590 nmol/mL	Reference Value 1480-3730	122 nmol/mL	Reference Value 50-250
g-Linolenic Acid, C18:3w6	MCR	Arachidic Acid, C20:0	MCR
50 nmol/mL	Reference Value 16-150	85 nmol/mL	Reference Value 50-90
a-Linolenic Acid, C18:3w3	MCR	DHA, C22:6w3	MCR
75 nmol/mL	Reference Value 50-130	32 nmol/mL	Reference Value 30-250
Linoleic Acid, C18:2w6	MCR	DPA, C22:5w6	MCR
2300 nmol/mL	Reference Value 2270-3850	66 nmol/mL	Reference Value 10-70
Oleic Acid, C18:1w9	MCR	DPA, C22:5w3	MCR
2000 nmol/mL	Reference Value 650-3500	75 nmol/mL	Reference Value 20-210
Vaccenic Acid, C18:1w7	MCR	DTA, C22:4w6	MCR
500 nmol/mL	Reference Value 280-740	66 nmol/mL	Reference Value 10-80

Performing Site Legend

Code	Laboratory	Address
MCR	Mayo Clinic Dept. of Lab Med and Pathology	200 First Street SW, Rochester, MN 55905



Patient ID SA00043585	Patient Name SAMPLEREPOR, FAPEP	Birth Date 1966-06-10	Gender F	Age 45
Order Number SA00043585	Client Order Number SA00043585	Ordering Physician Client, Client	Report Notes	
Account Information C7028846 DLMP Rochester		Collected 13 Feb 2012 00:00		

Docosenoic Acid, C22:1

11 nmol/mL

MCR
Reference Value
4–13

Total w3

0.4 mmol/L

MCR
Reference Value
0.2–0.5

Nervonic Acid, C24:1w9

88 nmol/mL

MCR
Reference Value
60–100

Total w6

3.6 mmol/L

MCR
Reference Value
3.0–5.4

Triene Tetraene Ratio

0.025

MCR
Reference Value
0.010–0.038

Total Fatty Acids

7.3 mmol/L

MCR
Reference Value
7.3–16.8

Total Saturated Acid

4.0 mmol/L

MCR
Reference Value
2.5–5.5

Interpretation

In this sample, the fatty acid profile was normal.

ADDITIONAL INFORMATION

Gas Chromatography-Mass Spectrometry (GC-MS) Stable Isotope Dilution Analysis

Total Monounsaturated Acid

1.3 mmol/L

MCR
Reference Value
1.3–5.8

Received: 14 Feb 2012 12:03

Reported: 14 Feb 2012 12:12

Total Polyunsaturated Acid

5.5 mmol/L

MCR
Reference Value
3.2–5.8

Performing Site Legend

Code	Laboratory	Address
MCR	Mayo Clinic Dept. of Lab Med and Pathology	200 First Street SW, Rochester, MN 55905