MAYO CLINIC
Mayo Medical Laboratories

Laboratory Service Report 1-800-533-1710

Patient Name	Patient ID	Age	Gender	Order #
SAMPLEREPORT,FAPCP A	M0002084	40	F	M0002084
Ordering Phys				**DOB** 09/28/1971
Client Order # M0002084	**Account Information**			**Report Notes**
Collected 06/26/2012 23:50	C7028846-DLMP ROCHESTER 3050 SUPERIOR DRIVE ROCHESTER,MN 55901			
Printed 02/12/2013 16:28				

Test	Flag	Results	Unit	Reference Value	Perform Site*
Fatty Acid Profile, Comprehensive,S			REPORTED 02/12/2013 16:14		
Octanoic Acid, C8:0		30	nmol/mL	8-47	MCR
Decenoic Acid, C10:1		2.8	nmol/mL	1.8-5.0	MCR
Decanoic Acid, C10:0	H	22	nmol/mL	2-18	MCR
Lauroleic Acid, C12:1		5.2	nmol/mL	1.4-6.6	MCR
Lauric Acid, C12:0		55	nmol/mL	6-90	MCR
Tetradecadienoic Acid, C14:2		3.7	nmol/mL	0.8-5.0	MCR
Myristoleic Acid, C14:1		14	nmol/mL	3-64	MCR
Myristic Acid, C14:0		130	nmol/mL	30-450	MCR
Hexadecadienoic Acid, C16:2		21	nmol/mL	10-48	MCR
Hexadecenoic Acid, C16:1w9		71	nmol/mL	25-105	MCR
Palmitoleic Acid, C16:1w7		115	nmol/mL	110-1130	MCR
Palmitic Acid, C16:0		1500	nmol/mL	1480-3730	MCR
g-Linolenic Acid, C18:3w6		100	nmol/mL	16-150	MCR
a-Linolenic Acid, C18:3w3	L	35	nmol/mL	50-130	MCR
Linoleic Acid, C18:2w6		3200	nmol/mL	2270-3850	MCR
Oleic Acid, C18:1w9		1500	nmol/mL	650-3500	MCR
Vaccenic Acid, C18:1w7		550	nmol/mL	280-740	MCR
Stearic Acid, C18:0		800	nmol/mL	590-1170	MCR
EPA, C20:5w3		85	nmol/mL	14-100	MCR
Arachidonic Acid, C20:4w6		1200	nmol/mL	520-1490	MCR
Mead Acid, C20:3w9		25	nmol/mL	7-30	MCR
h-g-Linolenic Acid, C20:3w6		200	nmol/mL	50-250	MCR
Arachidic Acid, C20:0	L	46	nmol/mL	50-90	MCR
DHA, C22:6w3		200	nmol/mL	30-250	MCR
DPA, C22:5w6		50	nmol/mL	10-70	MCR
DPA, C22:5w3		100	nmol/mL	20-210	MCR
DTA, C22:4w6		55	nmol/mL	10-80	MCR
Docosenoic Acid, C22:1		10	nmol/mL	4-13	MCR
Docosanoic Acid, C22:0		70.5	nmol/mL	0.0-96.3	MCR
Nervonic Acid, C24:1w9		80	nmol/mL	60-100	MCR
Tetracosanoic Acid, C24:0		60.3	nmol/mL	0.0-91.4	MCR
Hexacosenoic Acid, C26:1	H	0.8	nmol/mL	0.3-0.7	MCR
Hexacosanoic Acid, C26:0		0.85	nmol/mL	0.00-1.30	MCR
Pristanic Acid, C15:0(CH3)4		0.15	nmol/mL	0.00-2.98	MCR
Phytanic Acid, C16:0(CH3)4		1.90	nmol/mL	0.00-9.88	MCR
Triene Tetraene Ratio		0.025		0.010-0.038	MCR
Total Saturated		2.8	mmol/L	2.5-5.5	MCR
Total Monounsaturated		2.3	mmol/L	1.3-5.8	MCR
Total Polyunsaturated		4.2	mmol/L	3.2-5.8	MCR
Total w3		0.3	mmol/L	0.2-0.5	MCR
Total w6		4.5	mmol/L	3.0-5.4	MCR
Total Fatty Acids		10.7	mmol/L	7.3-16.8	MCR
Interpretation					MCR

Performing Site Legend on Last Page of Report

* Report times for Mayo performed tests are CST/CDT

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In this sample, the concentration of alpha-linolenic acid was reduced. This finding could be suggestive of a nutritional deficiency of essential fatty acids.
Gas Chromatography-Mass Spectrometry (GC-MS) Stable Isotope Dilution Analysis

* Performing Site:

MCR	Mayo Clinic Laboratories - Rochester Main Campus 200 First St SW Rochester, MN 55905	Lab Director: Franklin R. Cockerill, III, M.D.

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TEST SITE