



4855 Peachtree Industrial Blvd.
Norcross, GA 30092
770.446.5483 Fax:770.441.2237

Ordering Physician:

84481 - 93275

Joel Grimwood MD
c/o Carbon Based Corporation
5470 Louie Ln., Ste. 101
Reno, NV 89511

Accession Number: **A0406290076**

Reference Number:

Patient: Frank

Age: 60 Sex: M

Date Collected: 6/28/04

Date Received: 6/29/04

Report Date: 7/8/04

Telephone: 8009080000x202

Fax: 9856264020

Reprinted: 7/9/04

Comment:

0041 Fatty Acids - Erythrocytes

Methodology: Capillary Gas Chromatography/Mass Spectrometry

	Results	Reference Limits	Low Limit	High Limit		
<u>Polyunsaturated Omega-3</u>						
1	Alpha Linolenic (18:3n3)	1.0	1.0 - 3.0	1.0	3.0	uM
2	Eicosapentaenoic (20:5n3)	2.7 L	3.5 - 8.0	3.5	8.0	
3	Docosapentaenoic (22:5n3)	15	10 - 30	10	30	
4	Docosahexaenoic (22:6n3)	15	15 - 35	15	35	
<u>Polyunsaturated Omega-6</u>						
5	Linoleic (18:2n6)	44	40 - 70	40	70	uM
6	Gamma Linolenic (18:3n6)	1.6	1.0 - 3.0	1.0	3.0	
7	Eicosadienoic (20:2n6)	9.1	7.5 - 25.0	7.5	25.0	
8	Dihomogamma Linolenic (20:3n6)	9.6 H	5.0 - 9.0	5.0	9.0	
9	Arachidonic (20:4n6)	276	150 - 350	150	350	
10	Docosadienoic (22:2n6)	1.8	<= 4.0		4.0	
11	Docosatetraenoic (22:4n6)	11	7 - 20	7	20	
<u>Monounsaturated</u>						
12	Myristoleic (14:1n5)	<= 1.1	<= 5.0		5.0	
13	Palmitoleic (16:1n7)	2.2	<= 5.0		5.0	
14	Vaccenic (18:1n7)	4.2	3.0 - 6.0	3.0	6.0	
15	Oleic (18:1n9)	61	40 - 80	40	80	
16	11-Eicosenoic (20:1n9)	2.0	<= 3.0		3.0	
17	Erucic (22:1n9)	1.9	1.0 - 9.0	1.0	9.0	
18	Nervonic (24:1n9)	17	10 - 25	10	25	
19	Capric (10:0)	1.3	<= 5.0		5.0	

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.



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Saturated

	Results	Reference Limits	Low Limit	High Limit
20 Lauric (12:0)	0.8	<= 5.0		5.0
21 Myristic (14:0)	2.3	<= 4.0		4.0
22 Palmitic (16:0)	112	80 - 140	80	140
23 Stearic (18:0)	76	40 - 90	40	90
24 Arachidic (20:0)	2.6	<= 4.5		4.5
25 Behenic (22:0)	4.9	3.0 - 9.0	3.0	9.0
26 Lignoceric (24:0)	15.9	10.0 - 20.0	10.0	20.0
27 Hexacosanoic (26:0)	2.5	<= 3.5		3.5

Odd Chain

28 Pentadecanoic (15:0)	1.5	<= 2.5		2.5
29 Heptadecanoic (17:0)	2.3	<= 3.0		3.0
30 Nonadecanoic (19:0)	0.9	<= 2.0		2.0
31 Heneicosanoic (21:0)	0.4	<= 2.0		2.0
32 Tricosanoic (23:0)	<= 2	<= 3.0		3.0

Trans

33 Palmitelaidic (16:1n7t)	1.03	<= 2.00		2.00
34 Total C:18 Trans	<= 2	<= 2.0		2.0

Ratios

35 LA/DGLA	4.6	<= 9.0		9.0
36 EPA/DGLA	0.3 L	0.5 - 1.5	0.5	1.5
37 AA/EPA	103	25 - 125	25	125
38 Stearic/Oleic	1.2	=> 1.0	1.0	

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