



The Great Plains Laboratory, Inc.

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Patient ID #
Patient Name
Patient age
Physician name

Date Reported
Date of collection
Time of collection
Patient Sex

Essential Fatty Acid Panel

Fatty Acids	Value	Reference Range	Units
Ess. Fatty acids, Omega 3 series			
18:3 Alfa-linolenic acid	0.09	L 0.1 - 0.4	%
20:3 Eicosatrienoic acid	0.03	0.0 - 0.1	%
20:5 Eicosapentaenoic acid	2.12	H 0.6 - 1.7	%
22:6 Docosahexaenoic acid	9.59	H 4.0 - 9.4	%
Ess. Fatty acids, Omega 6 series			
18:2 Linoleic acid	10.31	L 10.6 - 16.0	%
18:3 Gamma linoleic acid	0.04	L 0.1 - 0.3	%
20:2 Eicosadienoic acid	0.28	0.0 - 0.3	%
20:3 Dihomogammalinoleic acid	1.27	1.2 - 2.2	%
20:4 Arachidonic acid	21.75	H 14.2 - 19.2	%
22:4 Docosatetraenoic acid	3.27	1.6 - 4.4	%
Ess. Fatty acids, Omega 9 series			
18:1 Trans elaidic acid	0.48	0.0 - 0.6	%
18:1 Cis oleic acid	13.47	L 14.2 - 19.8	%
20:1 Eicosenoic acid	0.26	0.0 - 0.4	%
22:1 Euricic acid	0.04	0.0 - 0.1	%
24:1 Nervonic acid	0.01	0.0 - 0.9	%
Saturated fatty acids			
16:0 Palmitic acid	18.04	17.2 - 25.6	%
18:0 Stearic acid	18.57	15.4 - 20.2	%

Test Performed by European Laboratory of Nutrients, Regulierenring 9, 3981 LA Bunnik, The Netherlands