

FUNCTIONAL PATHOLOGY

1868 DANDENONG ROAD CLAYTON VIC 3168 PH: 1300 554 480

PATIENT: SAMPLE RA PATIENT ABCD ROAD CLAYTON VIC 3168 PH: DOB: 01/01/1980 SEX: MALE UR#: REF:	REQUEST DETAILS: LAB REF: 16-4978624-EFA-0 REFERRED: 11/02/16 COLLECTED: 20/02/16 09:24 REPORTED: 13/10/16 13:13 TESTED: 22/02/16 BATCH: 0 2	V25 Dr SAMPLE DOCTOR PRIVATE BAG 0000 CLAYTON VIC 3168
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ESSENTIAL FATY ACIDS

SPECIMEN: Red Cell

Date	20/02/2016
Collection Time	09:24
Request	16-4978624

Summary

Reference Range

Total Saturated	45.7*	19.3 - 39.4
Total Monounsaturated	23.2*	7.5 - 17.9
Total n3	4.3*	4.5 - 13.4
Total n6	27.1	12.1 - 29.2
Ratio n3:n6	0.16*	0.37 - 0.46
Ratio AA:EPA	19.33	

Saturated Fats

Units Reference Range

Myristic Acid [C14:0]	0.5	%	< 0.8
Palmitic Acid [C16:0]	32.5*	%	9.3 - 21.7
Stearic Acid [C18:0]	11.7	%	9.3 - 13.7
Arachidic Acid [C20:0]	0.5	%	0.1 - 0.5
Behenic Acid [C22:0]	0.1*	%	0.6 - 2.8

Monounsaturated Fats

Units Reference Range

Palmitoleic Acid [C16:1n7]	0.6*	%	< 0.5
cis Vaccenic Acid [C18:1n7]	2.1*	%	< 1.7
Oleic Acid [C18:1n9]	20.1*	%	7.5 - 15.5
Gondoic Acid [C20:1n9]	0.4	%	< 0.5

n6 Fats

Units Reference Range

Linoleic Acid [C18:2n6]	13.7*	%	5.0 - 12.4
gamma Linolenic Acid [C18:3n6]	0.0	%	< 0.2

FUNCTIONAL PATH

PATIENT: SAMPLE RA PATIENT

ALL TESTS COMPLETE

PANEL CODES: TMC-R,RZN-R,RSE-R,RCU-R,ISM-R,IS-R,OHD-R,HCY-R,Q10-R,MFF-R,HFE-R,EFA-R

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Eicosadienoic Acid [C20:2n6]	0.2	%	< 0.3
Eicosatrienoic Acid [C20:3n6]	1.6	%	0.9 - 2.8
Arachidonic Acid [C20:4n6]	11.6	%	6.2 - 13.7

n3 Fats			Units	Reference Range
alpha Linolenic Acid [C18:3n3]	0.1	%		0.1 - 0.2
Eicosapentaenoic Acid [C20:5n3]	0.6	%		0.1 - 1.2
Docosapentaenoic Acid [C22:5n3]	1.8*	%		1.9 - 4.7
Docosahexaenoic Acid [C22:6n3]	1.8*	%		2.5 - 7.5

Comments:

NATA accreditation does not cover the performance of this service.

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ALL TESTS COMPLETE

PANEL CODES: TMC-R,RZN-R,RSE-R,RCU-R,ISM-R,IS-R,OHD-R,HCY-R,Q10-R,MFF-R,HFE-R,EFA-R