

Sample Report



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LAB No:

ARL Pathology

Consulting Pathologist: Dr. R. Byron Collins
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Patient : **Joe PATIENT**
D.O.B. :
Request Date :
Date Received :
Requested by :
Referring Practice :
Provider No. :
REFERRING PRACTICE REFERENCE:

ARL LAB No. :

FASTING ESSENTIAL FATTY ACIDS - RED CELL

SUMMARY OF ESSENTIAL FATTY ACID RESULT

	Within Ref. Range	Outside Ref. Range	Ref. Range
Total Saturated		52.7	19.3 - 39.4 %
Total Monounsaturated		19.2	7.5 - 17.9 %
TOTAL n3	8.4		4.5 - 13.4 %
TOTAL n6	19.6		12.1 - 29.2 %
RATIO n3/n6	0.43		0.37 - 0.46
Saturated Fats			
ARACHIDIC ACID [C20:0]	0.2		0.1 - 0.5 %
BEHENIC ACID [C22:0]		0.1	0.6 - 2.8 %
MYRISTIC ACID [C14:0]	0.7		0.0 - 0.7 %
PALMITIC ACID [C16:0]		36.3	9.3 - 21.7 %
STEARIC ACID [C18:0]		15.4	9.3 - 13.7 %
Monounsaturated Fats			
OLEIC ACID [C18:1n9]		16.7	7.5 - 15.5 %
cis VACCENIC ACID [C18:1n7]		1.7	0.0 - 1.6 %
GONDOIC ACID [C20:1n9]	0.3		0.0 - 0.4 %
PALMITOLEIC ACID [C16:1n7]		0.5	0.0 - 0.4 %
n6			
LINOLEIC ACID [C18:2n6]	10.1		5.0 - 12.4 %
gamma LINOLENIC ACID [C18:3n6]	0.1		0.0 - 0.1 %
EICOSADIENOIC ACID [C20:2n6]	0.1		0.0 - 0.2 %
EICOSATRIENOIC ACID [C20:3n6]		0.7	0.9 - 2.8 %
ARACHIDONIC ACID [C20:4n6]	8.7		6.2 - 13.7 %
n3			
alpha LINOLENIC ACID [C18:3n3]	0.1		0.1 - 0.2 %
EICOSAPENTAENOIC ACID [C20:5n3]		3.3	0.1 - 1.2 %
DOCOSAPENTAENOIC ACID [C22:5n3]	1.9		1.9 - 4.7 %
DOCOSAHEXAENOIC ACID [C22:6n3]	3.1		2.5 - 7.5 %