

Client: Example Client ABC123
123 Test Drive
Salt Lake City, UT 84108
UNITED STATES

Physician: Doctor, Example

Patient: Patient, Example

DOB: 12/31/2020
Gender: Male
Patient Identifiers: 01234567890ABCD, 012345
Visit Number (FIN): 01234567890ABCD
Collection Date: 00/00/0000 00:00

Fatty Acids Profile, Essential in Red Blood Cells

ARUP test code 3003086

Interpretation, Fatty Acids Profile RBC Normal

Normal fatty acid profile.

INTERPRETIVE INFORMATION: Fatty Acids Profile, Essential
in RBC
This test does not screen for disorders of peroxisomal
biogenesis/function.

Test developed and characteristics determined by ARUP
Laboratories. See Compliance Statement B: aruplab.com/CS

Arachidic Acid, C20:0, RBC	31 nmol/mL	(Ref Interval: 18-42)
Arachidonic Acid, C20:4w6, RBC	1173 nmol/mL	(Ref Interval: 679-1204)
DHA, C22:6w3, RBC	330 nmol/mL	(Ref Interval: 175-396)
DPA, C22:5w3, RBC	37 nmol/mL	(Ref Interval: 17-43)
DPA, C22:5w6, RBC	70 nmol/mL	(Ref Interval: 41-114)
DTA, C22:4w6, RBC	183 nmol/mL	(Ref Interval: 139-280)
Docosenoic Acid, C22:1, RBC	6 nmol/mL	(Ref Interval: 3-9)
EPA, C20:5w3, RBC	12 nmol/mL	(Ref Interval: 3-16)
Hexadecenoic Acid, C16:1w9, RBC	18 nmol/mL	(Ref Interval: 9-29)

H=High, L=Low, *=Abnormal, C=Critical

Linoleic Acid, C18:2w6, RBC	412 nmol/mL	(Ref Interval: 162-530)
a-Linolenic Acid, C18:3w3, RBC	6 nmol/mL	(Ref Interval: <=6)
h-g-Linolenic C20:3w6, RBC	142 nmol/mL	(Ref Interval: 81-206)
g-Linolenic Acid, C18:3w6, RBC	4 nmol/mL	(Ref Interval: 1-4)
Mead Acid, C20:3w9, RBC	31 nmol/mL	(Ref Interval: 13-63)
Myristic Acid, C14:0, RBC	50 nmol/mL H	(Ref Interval: 18-42)
Nervonic Acid, C24:1w9, RBC	267 nmol/mL	(Ref Interval: 159-310)
Oleic Acid, C18:1w9, RBC	593 nmol/mL	(Ref Interval: 419-677)
Palmitic Acid, C16:0, RBC	1835 nmol/mL	(Ref Interval: 1192-1940)
Palmitoleic Acid, C16:1w7, RBC	38 nmol/mL	(Ref Interval: 11-42)
Stearic Acid, C18:0, RBC	1092 nmol/mL	(Ref Interval: 786-1194)
Vaccenic Acid, C18:1w7, RBC	119 nmol/mL	(Ref Interval: 66-125)
Triene Tetraene Ratio, RBC	0.026	(Ref Interval: 0.017-0.064)
Total Saturated Acid, RBC	3.01 mmol/L	(Ref Interval: 2.05-3.18)
Total Monounsaturated Acid, RBC	1.04 mmol/L	(Ref Interval: 0.73-1.19)
Total Polyunsaturated Acid, RBC	2.40 mmol/L	(Ref Interval: 1.68-2.54)

H=High, L=Low, *=Abnormal, C=Critical

Total w3, RBC	0.38 mmol/L	(Ref Interval: 0.21-0.48)
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Total w6, RBC	1.98 mmol/L	(Ref Interval: 1.35-2.06)
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Total Fatty Acids, RBC	6.45 mmol/L	(Ref Interval: 4.43-6.53)
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EER Fatty Acids Profile, Essential RBC

See Note

Access ARUP Enhanced Report using the link below:

[REDACTED]

H=High, L=Low, *=Abnormal, C=Critical

VERIFIED/REPORTED DATES

Procedure	Accession	Collected	Received	Verified/Reported
Interpretation, Fatty Acids Profile RBC	21-008-402114	00/00/0000 00:00	00/00/0000 00:00	00/00/0000 00:00
Arachidic Acid, C20:0, RBC	21-008-402114	00/00/0000 00:00	00/00/0000 00:00	00/00/0000 00:00
Arachidonic Acid, C20:4w6, RBC	21-008-402114	00/00/0000 00:00	00/00/0000 00:00	00/00/0000 00:00
DHA, C22:6w3, RBC	21-008-402114	00/00/0000 00:00	00/00/0000 00:00	00/00/0000 00:00
DPA, C22:5w3, RBC	21-008-402114	00/00/0000 00:00	00/00/0000 00:00	00/00/0000 00:00
DPA, C22:5w6, RBC	21-008-402114	00/00/0000 00:00	00/00/0000 00:00	00/00/0000 00:00
DTA, C22:4w6, RBC	21-008-402114	00/00/0000 00:00	00/00/0000 00:00	00/00/0000 00:00
Docosenoic Acid, C22:1, RBC	21-008-402114	00/00/0000 00:00	00/00/0000 00:00	00/00/0000 00:00
EPA, C20:5w3, RBC	21-008-402114	00/00/0000 00:00	00/00/0000 00:00	00/00/0000 00:00
Hexadecenoic Acid, C16:1w9, RBC	21-008-402114	00/00/0000 00:00	00/00/0000 00:00	00/00/0000 00:00
Linoleic Acid, C18:2w6, RBC	21-008-402114	00/00/0000 00:00	00/00/0000 00:00	00/00/0000 00:00
a-Linolenic Acid, C18:3w3, RBC	21-008-402114	00/00/0000 00:00	00/00/0000 00:00	00/00/0000 00:00
h-g-Linolenic C20:3w6, RBC	21-008-402114	00/00/0000 00:00	00/00/0000 00:00	00/00/0000 00:00
g-Linolenic Acid, C18:3w6, RBC	21-008-402114	00/00/0000 00:00	00/00/0000 00:00	00/00/0000 00:00
Mead Acid, C20:3w9, RBC	21-008-402114	00/00/0000 00:00	00/00/0000 00:00	00/00/0000 00:00
Myristic Acid, C14:0, RBC	21-008-402114	00/00/0000 00:00	00/00/0000 00:00	00/00/0000 00:00
Nervonic Acid, C24:1w9, RBC	21-008-402114	00/00/0000 00:00	00/00/0000 00:00	00/00/0000 00:00
Oleic Acid, C18:1w9, RBC	21-008-402114	00/00/0000 00:00	00/00/0000 00:00	00/00/0000 00:00
Palmitic Acid, C16:0, RBC	21-008-402114	00/00/0000 00:00	00/00/0000 00:00	00/00/0000 00:00
Palmitoleic Acid, C16:1w7, RBC	21-008-402114	00/00/0000 00:00	00/00/0000 00:00	00/00/0000 00:00
Stearic Acid, C18:0, RBC	21-008-402114	00/00/0000 00:00	00/00/0000 00:00	00/00/0000 00:00
Vaccenic Acid, C18:1w7, RBC	21-008-402114	00/00/0000 00:00	00/00/0000 00:00	00/00/0000 00:00
Triene Tetraene Ratio, RBC	21-008-402114	00/00/0000 00:00	00/00/0000 00:00	00/00/0000 00:00
Total Saturated Acid, RBC	21-008-402114	00/00/0000 00:00	00/00/0000 00:00	00/00/0000 00:00
Total Monounsaturated Acid, RBC	21-008-402114	00/00/0000 00:00	00/00/0000 00:00	00/00/0000 00:00
Total Polyunsaturated Acid, RBC	21-008-402114	00/00/0000 00:00	00/00/0000 00:00	00/00/0000 00:00
Total w3, RBC	21-008-402114	00/00/0000 00:00	00/00/0000 00:00	00/00/0000 00:00
Total w6, RBC	21-008-402114	00/00/0000 00:00	00/00/0000 00:00	00/00/0000 00:00
Total Fatty Acids, RBC	21-008-402114	00/00/0000 00:00	00/00/0000 00:00	00/00/0000 00:00
EER Fatty Acids Profile, Essential RBC	21-008-402114	00/00/0000 00:00	00/00/0000 00:00	00/00/0000 00:00

END OF CHART

H=High, L=Low, *=Abnormal, C=Critical

Unless otherwise indicated, testing performed at:

ARUP LABORATORIES | 800-522-2787 | aruplab.com
500 Chipeta Way, Salt Lake City, UT 84108-1221
Tracy I. George, MD, Laboratory Director

Patient: Patient, Example
ARUP Accession: 21-008-402114
Patient Identifiers: 01234567890ABCD, 012345
Visit Number (FIN): 01234567890ABCD
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