

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

Physician: Doctor, Example

**Patient: Patient, Example**

**DOB:** 7/23/1968  
**Gender:** Male  
**Patient Identifiers:** 01234567890ABCD, 012345  
**Visit Number (FIN):** 01234567890ABCD  
**Collection Date:** 00/00/0000 00:00

**Fatty Acids Profile, Essential Serum or Plasma**

ARUP test code 2013518

Interpretation, Fatty Acids Profile SP

Normal

Normal fatty acid profile.

Results reviewed and interpreted by [REDACTED]

INTERPRETIVE INFORMATION: Fatty Acids Profile, Essential Ser/Plas

This test does not screen for disorders of peroxisomal biogenesis/function.

This test was developed and its performance characteristics determined by ARUP Laboratories. It has not been cleared or approved by the US Food and Drug Administration. This test was performed in a CLIA certified laboratory and is intended for clinical purposes.

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

EPA, C20:5w3	121 nmol/mL	(Ref Interval: 8-130)
Hexadecenoic Acid, C16:1w9	38 nmol/mL	(Ref Interval: 14-95)
Lauric Acid, C12:0	35 nmol/mL	(Ref Interval: 1-200)
Linoleic Acid, C18:2w6	1353 nmol/mL	(Ref Interval: 1210-4300)
a-Linolenic Acid, C18:3w3	62 nmol/mL	(Ref Interval: 20-200)
h-g-Linolenic C20:3w6	96 nmol/mL	(Ref Interval: 45-340)
g-Linolenic Acid, C18:3w6	47 nmol/mL	(Ref Interval: 10-120)
Mead Acid, C20:3w9	11 nmol/mL	(Ref Interval: 1-35)
Myristic Acid, C14:0	178 nmol/mL	(Ref Interval: 20-520)
Nervonic Acid, C24:1w9	68 nmol/mL	(Ref Interval: 35-145)
Oleic Acid, C18:1w9	1775 nmol/mL	(Ref Interval: 740-3900)
Palmitic Acid, C16:0	2298 nmol/mL	(Ref Interval: 1090-3840)
Palmitoleic Acid, C16:1w7	346 nmol/mL	(Ref Interval: 35-580)
Stearic Acid, C18:0	527 nmol/mL	(Ref Interval: 280-1250)
Vaccenic Acid, C18:1w7	170 nmol/mL	(Ref Interval: 50-250)
Triene Tetraene Ratio	0.026	(Ref Interval: 0.004-0.051)

**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  
Jonathan R. Genzen, MD, PhD, Laboratory Director

Patient: Patient, Example  
ARUP Accession: 24-036-104745  
Patient Identifiers: 01234567890ABCD, 012345  
Visit Number (FIN): 01234567890ABCD  
Page 2 of 4 | Printed: 2/12/2024 3:58:09 PM  
4848

Total Saturated Acid	3.0 mmol/L	(Ref Interval: 1.5-5.3)
Total Monounsaturated Acid	2.4 mmol/L	(Ref Interval: 0.9-4.7)
Total Polyunsaturated Acid	2.4 mmol/L	(Ref Interval: 2.1-6.2)
Total w3	0.45 mmol/L	(Ref Interval: 0.12-0.55)
Total w6	1.9 mmol/L	(Ref Interval: 1.8-5.7)
Total Fatty Acids	7.8 mmol/L	(Ref Interval: 4.5-15.0)
EER Fatty Acids Profile, Essential SP	<p>See Note</p> <p>Authorized individuals can access the ARUP Enhanced Report using the following link:</p> <p><b>[REDACTED]</b></p>	

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

Unless otherwise indicated, testing performed at:

VERIFIED/REPORTED DATES

Procedure	Accession	Collected	Received	Verified/Reported
Interpretation, Fatty Acids Profile SP	24-036-104745	00/00/0000 00:00	00/00/0000 00:00	00/00/0000 00:00
Arachidic Acid, C20:0	24-036-104745	00/00/0000 00:00	00/00/0000 00:00	00/00/0000 00:00
Arachidonic Acid, C20:4w6	24-036-104745	00/00/0000 00:00	00/00/0000 00:00	00/00/0000 00:00
DHA, C22:6w3	24-036-104745	00/00/0000 00:00	00/00/0000 00:00	00/00/0000 00:00
DPA, C22:5w3	24-036-104745	00/00/0000 00:00	00/00/0000 00:00	00/00/0000 00:00
DPA, C22:5w6	24-036-104745	00/00/0000 00:00	00/00/0000 00:00	00/00/0000 00:00
DTA, C22:4w6	24-036-104745	00/00/0000 00:00	00/00/0000 00:00	00/00/0000 00:00
Docosenoic Acid, C22:1	24-036-104745	00/00/0000 00:00	00/00/0000 00:00	00/00/0000 00:00
EPA, C20:5w3	24-036-104745	00/00/0000 00:00	00/00/0000 00:00	00/00/0000 00:00
Hexadecenoic Acid, C16:1w9	24-036-104745	00/00/0000 00:00	00/00/0000 00:00	00/00/0000 00:00
Lauric Acid, C12:0	24-036-104745	00/00/0000 00:00	00/00/0000 00:00	00/00/0000 00:00
Linoleic Acid, C18:2w6	24-036-104745	00/00/0000 00:00	00/00/0000 00:00	00/00/0000 00:00
α-Linolenic Acid, C18:3w3	24-036-104745	00/00/0000 00:00	00/00/0000 00:00	00/00/0000 00:00
h-g-Linolenic C20:3w6	24-036-104745	00/00/0000 00:00	00/00/0000 00:00	00/00/0000 00:00
g-Linolenic Acid, C18:3w6	24-036-104745	00/00/0000 00:00	00/00/0000 00:00	00/00/0000 00:00
Mead Acid, C20:3w9	24-036-104745	00/00/0000 00:00	00/00/0000 00:00	00/00/0000 00:00
Myristic Acid, C14:0	24-036-104745	00/00/0000 00:00	00/00/0000 00:00	00/00/0000 00:00
Nervonic Acid, C24:1w9	24-036-104745	00/00/0000 00:00	00/00/0000 00:00	00/00/0000 00:00
Oleic Acid, C18:1w9	24-036-104745	00/00/0000 00:00	00/00/0000 00:00	00/00/0000 00:00
Palmitic Acid, C16:0	24-036-104745	00/00/0000 00:00	00/00/0000 00:00	00/00/0000 00:00
Palmitoleic Acid, C16:1w7	24-036-104745	00/00/0000 00:00	00/00/0000 00:00	00/00/0000 00:00
Stearic Acid, C18:0	24-036-104745	00/00/0000 00:00	00/00/0000 00:00	00/00/0000 00:00
Vaccenic Acid, C18:1w7	24-036-104745	00/00/0000 00:00	00/00/0000 00:00	00/00/0000 00:00
Triene Tetraene Ratio	24-036-104745	00/00/0000 00:00	00/00/0000 00:00	00/00/0000 00:00
Total Saturated Acid	24-036-104745	00/00/0000 00:00	00/00/0000 00:00	00/00/0000 00:00
Total Monounsaturated Acid	24-036-104745	00/00/0000 00:00	00/00/0000 00:00	00/00/0000 00:00
Total Polyunsaturated Acid	24-036-104745	00/00/0000 00:00	00/00/0000 00:00	00/00/0000 00:00
Total w3	24-036-104745	00/00/0000 00:00	00/00/0000 00:00	00/00/0000 00:00
Total w6	24-036-104745	00/00/0000 00:00	00/00/0000 00:00	00/00/0000 00:00
Total Fatty Acids	24-036-104745	00/00/0000 00:00	00/00/0000 00:00	00/00/0000 00:00
EER Fatty Acids Profile, Essential SP	24-036-104745	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  
Jonathan R. Genzen, MD, PhD, Laboratory Director

Patient: Patient, Example  
ARUP Accession: 24-036-104745  
Patient Identifiers: 01234567890ABCD, 012345  
Visit Number (FIN): 01234567890ABCD  
Page 4 of 4 | Printed: 2/12/2024 3:58:09 PM  
4848