

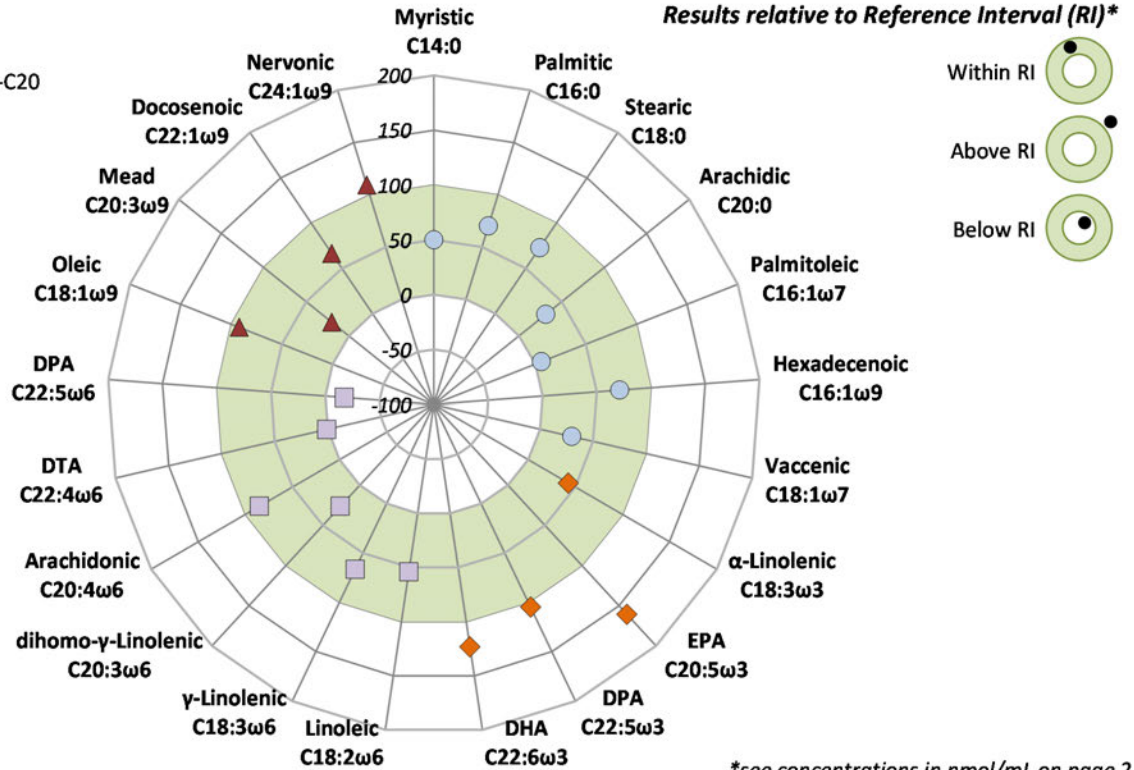
Patient: [REDACTED]
 DOB: [REDACTED] Age: 59 Gender: M
 Patient Identifiers: [REDACTED]
 Visit Number (FIN): [REDACTED]

Client: [REDACTED]
 Physician: [REDACTED]

ARUP Test Code: 3003086
 Collection Date: 02/25/2021
 Received in Lab: 02/27/2021
 Completion Date: 03/06/2021

Fatty Acids

- Saturated and Monounsaturated, C12-C20
- ◆ Omega-3, C18-C22
- Omega-6, C18-C22
- ▲ Omega-9, C18-C24



	Ratio, RBC	Totals (mmol/L), RBC			Omega-3	Omega-6	Fatty Acids
	Triene:Tetraene	Saturated	Monounsaturated	Polyunsaturated			
Results	0.002	2.61	2.48	1.20 H	0.63 H	1.85	6.28
Ref Interval	0.001-0.006	1.94-2.84	1.68-2.54	0.73-1.19	0.22-0.46	1.44-2.19	4.43-6.53

Interpretation

In this sample the concentrations of several fatty acids, including omega-3 eicosapentaenoic acid (EPA) and docosahexaenoic acid (DHA), were elevated, most likely reflecting dietary supplements and/or dietary artifacts.



Patient: [REDACTED]
 ARUP Accession: 21-056-119713

Fatty Acids Profile, Essential in Red Blood Cells

Patient: [REDACTED] | Date of Birth: [REDACTED] | Gender: M | Physician: [REDACTED]
Patient Identifiers: [REDACTED] | Visit Number (FIN): [REDACTED]

Patient Results

Fatty Acids	Values (nmol/mL)	Flag	Reference Interval
Arachidic Acid, C20:0, RBC	23		17-36
Arachidonic Acid, C20:4w6, RBC	988		685-1041
DHA, C22:6w3, RBC	378	H	110-306
DPA, C22:5w3, RBC	167	H	88-159
DPA, C22:5w6, RBC	19	L	23-50
DTA, C22:4w6, RBC	137		136-259
Docosenoic Acid, C22:1, RBC	7		3-9
EPA, C20:5w3, RBC	74	H	12-46
Hexadecenoic Acid, C16:1w9, RBC	5		<=7
Linoleic Acid, C18:2w6, RBC	618		449-762
α-Linolenic Acid, C18:3w3, RBC	8		5-12
h-g-Linolenic C20:3w6, RBC	84		64-140
g-Linolenic Acid, C18:3w6, RBC	3		1-4
Mead Acid, C20:3w9, RBC	2		1-6
Myristic Acid, C14:0, RBC	27		13-41
Nervonic Acid, C24:1w9, RBC	366	H	181-335
Oleic Acid, C18:1w9, RBC	763		460-789
Palmitic Acid, C16:0, RBC	1475		1093-1637
Palmitoleic Acid, C16:1w7, RBC	9		8-24
Stearic Acid, C18:0, RBC	1083		786-1194
Vaccenic Acid, C18:1w7, RBC	45		36-66

Compliance

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

Disclaimer

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

