

Patient: [REDACTED]
 DOB: [REDACTED] Age: 68 Sex: F
 Patient Identifiers: [REDACTED]
 Visit Number (FIN): [REDACTED]

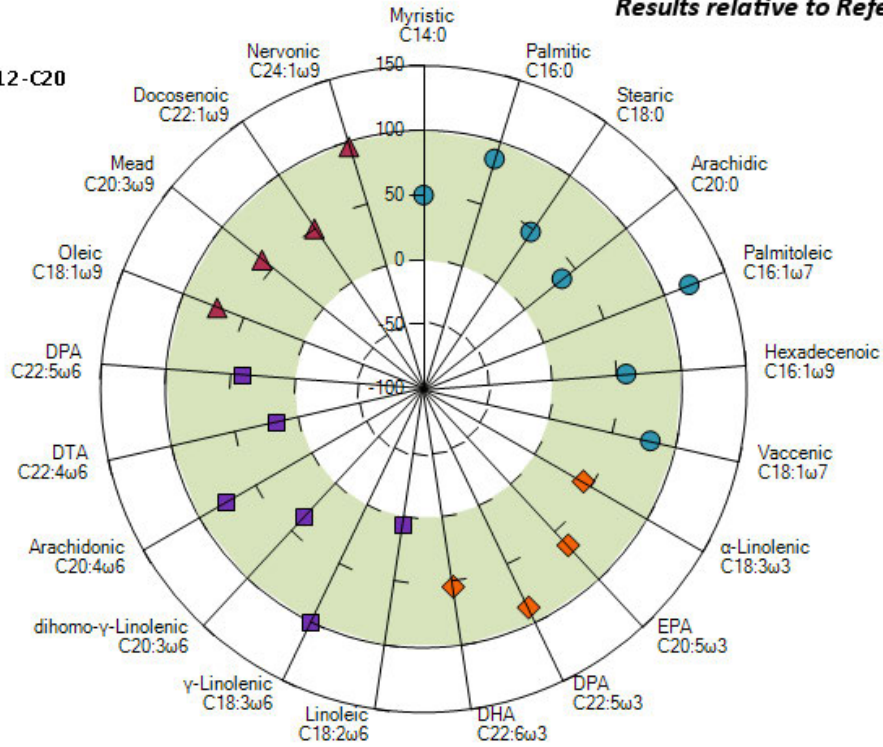
Client: [REDACTED]
 Physician: [REDACTED]

ARUP Test Code: 3003086
 Collection Date: 12/06/2023
 Received in lab: 12/07/2023
 Completion Date: 12/12/2023

Fatty Acids

Results relative to Reference Interval (RI)*

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



*see concentrations in nmol/mL on page 2

	Ratio, RBC	Totals (mmol/L), RBC			Omega-3	Omega-6	Fatty Acids
	Triene:Tetraene	Saturated	Monounsaturated	Polyunsaturated			
Results	0.004	2.59	2.13	1.12	0.41	1.72	5.84
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

Results reviewed and interpreted by [REDACTED]

Normal fatty acid profile.



Patient: [REDACTED]
 ARUP Accession: 23-340-402170

Fatty Acids Profile, Essential in Red Blood Cells

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

Patient Results

Fatty Acids	Values (nmol/mL)	Flag	Reference Interval
Arachidic Acid, C20:0, RBC	24		17-36
Arachidonic Acid, C20:4w6, RBC	958		685-1041
DHA, C22:6w3, RBC	217		110-306
DPA, C22:5w3, RBC	150		88-159
DPA, C22:5w6, RBC	34		23-50
DTA, C22:4w6, RBC	157		136-259
Docosenoic Acid, C22:1, RBC	6		3-9
EPA, C20:5w3, RBC	34		12-46
Hexadecenoic Acid, C16:1w9, RBC	4		<=7
Linoleic Acid, C18:2w6, RBC	471		449-762
α-Linolenic Acid, C18:3w3, RBC	8		5-12
h-g-Linolenic C20:3w6, RBC	91		64-140
g-Linolenic Acid, C18:3w6, RBC	4		1-4
Mead Acid, C20:3w9, RBC	4		1-6
Myristic Acid, C14:0, RBC	27		13-41
Nervonic Acid, C24:1w9, RBC	329		181-335
Oleic Acid, C18:1w9, RBC	696		460-789
Palmitic Acid, C16:0, RBC	1562		1093-1637
Palmitoleic Acid, C16:1w7, RBC	29	H	8-24
Stearic Acid, C18:0, RBC	978		786-1194
Vaccenic Acid, C18:1w7, RBC	60		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.



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ARUP Accession: 23-340-402170