

Patient: [REDACTED]
Age: 10 Sex: M
Patient Identifiers: [REDACTED]
Visit Number (FIN): [REDACTED]

Client: [REDACTED]
Physician: [REDACTED]

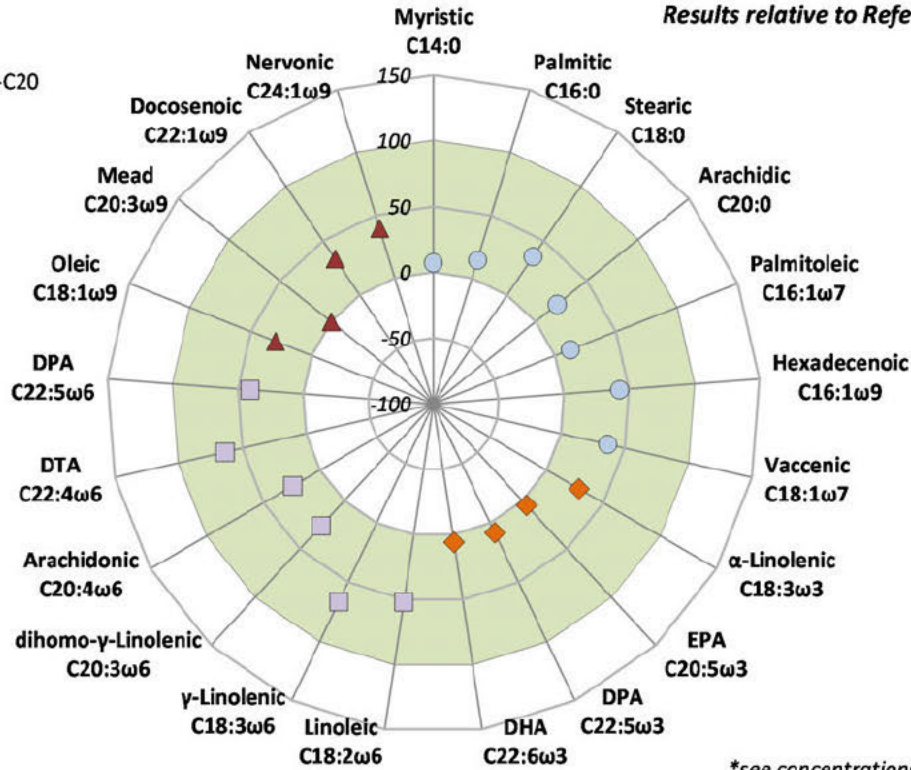
ARUP Test Code: 3003086
Collection Date: 02/14/2022
Received in lab: 02/15/2022
Completion Date: 02/17/2022

Fatty Acids

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

Results relative to Reference Interval (RI)*

- Within RI
- Above RI
- Below RI



*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	0.001	2.14	1.95	0.86	0.23	1.72	4.95
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

Normal fatty acid profile.



Patient: [REDACTED]
ARUP Accession: 22-045-117896

Fatty Acids Profile, Essential in Red Blood Cells

Patient: [REDACTED] | Date of Birth: [REDACTED] | Sex: 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	21		17-36
Arachidonic Acid, C20:4w6, RBC	771		685-1041
DHA, C22:6w3, RBC	122		110-306
DPA, C22:5w3, RBC	94		88-159
DPA, C22:5w6, RBC	34		23-50
DTA, C22:4w6, RBC	214		136-259
Docosenoic Acid, C22:1, RBC	5		3-9
EPA, C20:5w3, RBC	9		8-29
Hexadecenoic Acid, C16:1w9, RBC	3		<=7
Linoleic Acid, C18:2w6, RBC	612		449-762
α-Linolenic Acid, C18:3w3, RBC	7		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	1		1-6
Myristic Acid, C14:0, RBC	15		13-41
Nervonic Acid, C24:1w9, RBC	242		181-335
Oleic Acid, C18:1w9, RBC	558		460-789
Palmitic Acid, C16:0, RBC	1171		1093-1637
Palmitoleic Acid, C16:1w7, RBC	10		8-24
Stearic Acid, C18:0, RBC	930		786-1194
Vaccenic Acid, C18:1w7, RBC	47		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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