

Patient: [REDACTED]
 DOB: [REDACTED] Age: 55 Sex: M
 Patient Identifiers: [REDACTED]
 Visit Number (FIN): [REDACTED]

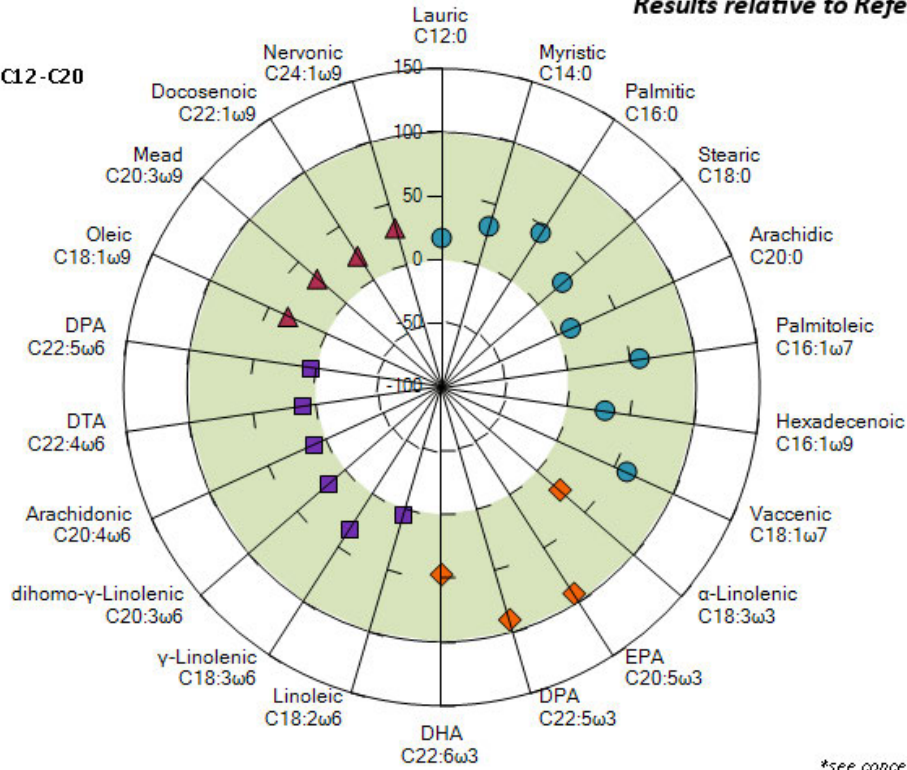
Client: [REDACTED]
 Physician: [REDACTED]

ARUP Test Code: 2013518
 Collection Date: 02/05/2024
 Received in Lab: 02/06/2024
 Completion Date: 02/09/2024

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	Totals (mmol/L)			Omega-3	Omega-6	Fatty Acids
	Triene:Tetraene	Saturated	Monounsaturated	Polyunsaturated			
Results	0.026	3.0	2.4	2.4	0.45	1.9	7.8
Ref Interval	0.004-0.051	1.5-5.3	0.9-4.7	2.1-6.2	0.12-0.55	1.8-5.7	4.5-15.0

Interpretation

Normal fatty acid profile.

Results reviewed and interpreted by [REDACTED]



Patient: [REDACTED]
 ARUP Accession: 24-036-104745

Fatty Acids Profile, Essential Serum or Plasma

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	12		8-43
Arachidonic acid, C20:4w6	416		310-1420
DHA, C22:6w3	196		45-365
DPA, C22:5w3	69		13-75
DPA, C22:5w6	8		6-55
DTA, C22:4w6	13		10-40
Docosenoic Acid, C22:1	3		1-10
EPA, C20:5w3	121		8-130
Hexadecenoic Acid, C16:1w9	38		14-95
Lauric Acid, C12:0	35		1-200
Linoleic Acid, C18:2w6	1353		1210-4300
α-Linolenic Acid, C18:3w3	62		20-200
h-g-Linolenic C20:3w6	96		45-340
g-Linolenic Acid, C18:3w6	47		10-120
Mead Acid, C20:3w9	11		1-35
Myristic Acid, C14:0	178		20-520
Nervonic Acid, C24:1w9	68		35-145
Oleic Acid, C18:1w9	1775		740-3900
Palmitic Acid, C16:0	2298		1090-3840
Palmitoleic Acid, C16:1w7	346		35-580
Stearic Acid, C18:0	527		280-1250
Vaccenic Acid, C18:1w7	170		50-250

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.

