

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

Physician: Doctor, Example

Patient: Patient, Example

DOB: 6/7/1990
Gender: Male
Patient Identifiers: 01234567890ABCD, 012345
Visit Number (FIN): 01234567890ABCD
Collection Date: 00/00/0000 00:00

Very Long-Chain and Branched-Chain Fatty Acids Profile

ARUP test code 2004250

Fatty Acids Profile Interpretation

Normal

The values of very long-chain fatty acids, phytanic acid, and pristanic acid were within the normal range. Approximately 20 percent of female carriers for X-ALD will have normal very long-chain fatty acid results, therefore a normal result in a female does not exclude carrier status for X-ALD. If clinically indicated, additional studies should be considered.

Results reviewed and interpreted by [REDACTED]

INTERPRETIVE INFORMATION: Very Long/Branched-Chain Fatty Acids

The reference interval reported is age-specific. A complete set of age-based reference intervals for this test is available at aruplab.com.

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.

Pristanic Acid	<0.10 umol/L	(Ref Interval: 0.00-0.26)
Phytanic Acid	0.61 umol/L	(Ref Interval: 0.25-2.07)
Ratio Pristanic to Phytanic	N/a	(Ref Interval: 0.00-0.28)
C22:0 Behenic Acid	72.53 umol/L	(Ref Interval: 28.94-93.50)
C24:0 Tetracosanoic Acid	63.96 umol/L	(Ref Interval: 24.25-77.75)
C26:0 Hexacosanoic Acid	0.62 umol/L	(Ref Interval: 0.17-0.73)

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

Unless otherwise indicated, testing performed at:

Ratio C24:0 to C22:0 0.88 (Ref Interval: 0.64-1.02)

Ratio C26:0 to C22:0 0.009 (Ref Interval: 0.003-0.015)

VERIFIED/REPORTED DATES

Procedure	Accession	Collected	Received	Verified/Reported
Fatty Acids Profile Interpretation	24-034-104420	00/00/0000 00:00	00/00/0000 00:00	00/00/0000 00:00
Pristanic Acid	24-034-104420	00/00/0000 00:00	00/00/0000 00:00	00/00/0000 00:00
Phytanic Acid	24-034-104420	00/00/0000 00:00	00/00/0000 00:00	00/00/0000 00:00
Ratio Pristanic to Phytanic	24-034-104420	00/00/0000 00:00	00/00/0000 00:00	00/00/0000 00:00
C22:0 Behenic Acid	24-034-104420	00/00/0000 00:00	00/00/0000 00:00	00/00/0000 00:00
C24:0 Tetracosanoic Acid	24-034-104420	00/00/0000 00:00	00/00/0000 00:00	00/00/0000 00:00
C26:0 Hexacosanoic Acid	24-034-104420	00/00/0000 00:00	00/00/0000 00:00	00/00/0000 00:00
Ratio C24:0 to C22:0	24-034-104420	00/00/0000 00:00	00/00/0000 00:00	00/00/0000 00:00
Ratio C26:0 to C22:0	24-034-104420	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: