

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

Physician: Doctor, Example

**Patient: Patient, Example**

**DOB:** 10/14/1949  
**Gender:** Female  
**Patient Identifiers:** 01234567890ABCD, 012345  
**Visit Number (FIN):** 01234567890ABCD  
**Collection Date:** 01/01/2017 12:34

**Very Long-Chain and Branched-Chain Fatty Acids Profile**

ARUP test code 2004250

Fatty Acids Profile Interpretation	Normal	
	<p>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.</p> <p>INTERPRETIVE INFORMATION: Very Long/Branched-Chain Fatty Acids</p> <p>The reference interval reported is age-specific. A complete set of age-based reference intervals for this test is available at aruplab.com.</p> <p>Test developed and characteristics determined by ARUP Laboratories. See Compliance Statement B: aruplab.com/CS</p>	
Pristanic Acid	<0.10 umol/L	(Ref Interval: 0.00-0.26)
Phytanic Acid	0.68 umol/L	(Ref Interval: 0.25-2.07)
Ratio Pristanic to Phytanic	N/A	(Ref Interval: 0.00-0.28)
C22:0 Behenic Acid	61.52 umol/L	(Ref Interval: 28.94-93.50)
C24:0 Tetracosanoic Acid	52.43 umol/L	(Ref Interval: 24.25-77.75)
C26:0 Hexacosanoic Acid	0.55 umol/L	(Ref Interval: 0.17-0.73)
Ratio C24:0 to C22:0	0.85	(Ref Interval: 0.64-1.02)

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

Unless otherwise indicated, testing performed at:

**ARUP LABORATORIES | 800-522-2787 | aruplab.com**  
500 Chipeta Way, Salt Lake City, UT 84108-1221  
Tracy I. George, MD, Laboratory Director

Patient: Patient, Example  
ARUP Accession: 20-038-129797  
Patient Identifiers: 01234567890ABCD, 012345  
Visit Number (FIN): 01234567890ABCD  
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