

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

Physician: Doctor, Example

**Patient: Patient, Example**

**DOB:** 3/6/2004  
**Sex:** Female  
**Patient Identifiers:** 01234567890ABCD, 012345  
**Visit Number (FIN):** 01234567890ABCD  
**Collection Date:** 01/01/2017 12:34

**Lysosomal Acid Lipase Activity, Dried Blood Spot**

ARUP test code 2012266

Lysosomal Acid Lipase, DBS Interp

See Note

In this sample, lysosomal acid lipase activity was outside the normal range but higher than observed in patients with lysosomal acid lipase deficiency (LAL-D; OMIM#278000; wolman disease or cholesteryl ester storage disease). These levels have been described in carriers of the disease. Consideration should be given to DNA testing of the LIPA gene to exclude carrier status, if clinically indicated.

Mildly reduced lysosomal acid lipase activity can also be due to compromised sample integrity. Would repeat testing on a freshly collected sample to exclude this possibility.

Lysosomal Acid Lipase, Dried Blood Spot

**0.27 nmol/h/DBS L (Ref Interval: 0.50-2.30)**

INTERPRETIVE INFORMATION: Lysosomal Acid Lipase Activity, Dried Blood Spot

Units of measure for Lysosomal Acid Lipase Activity in Dried Blood Spots are: Nanomoles of substrate hydrolyzed per hour per DBS punch.

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.

VERIFIED/REPORTED DATES

Procedure	Accession	Collected	Received	Verified/Reported
Lysosomal Acid Lipase, DBS Interp	21-345-112707	12/11/2021 6:02:00 AM	12/16/2021 4:44:51 AM	12/17/2021 11:49:00 AM
Lysosomal Acid Lipase, Dried Blood Spot	21-345-112707	12/11/2021 6:02:00 AM	12/16/2021 4:44:51 AM	12/17/2021 11:49:00 AM

END OF CHART

**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  
Jonathan R. Genzen, MD, PhD, Laboratory Director

Patient: Patient, Example  
ARUP Accession: 21-345-112707  
Patient Identifiers: 01234567890ABCD, 012345  
Visit Number (FIN): 01234567890ABCD  
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