

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

Physician: Doctor, Example

**Patient: Patient, Example**

**DOB:** 9/9/1955  
**Gender:** Male  
**Patient Identifiers:** 01234567890ABCD, 012345  
**Visit Number (FIN):** 01234567890ABCD  
**Collection Date:** 01/01/2017 12:34

**Pompe Disease (GAA), Enzyme Activity in Leukocytes**

ARUP test code 2014463

Pompe GAA Activity Leukocytes Interp

See Note

In this sample, lysosomal acid alpha-glucosidase (GAA) activity is low. The ratio between GAA activity and the total glucosidase activity, which includes interfering glucosidases, was also low (0.19; normal range: 0.3 - 0.67). These results are suggestive of Pompe disease (OMIM#606800, Glycogen Storage Disease II). Cannot exclude carrier status for this condition. Consideration should be given to DNA testing to confirm this finding. Genetic evaluation is recommended. This test cannot predict disease severity. Additionally, this test does NOT evaluate enzyme activities deficient in other lysosomal storage disorders.

INTERPRETIVE INFORMATION: Pompe Disease (GAA), Enzyme Activity in Leukocytes  
Units of measure for Pompe Disease (GAA) Activity are: Nanomoles of substrate hydrolyzed per hour per mg of protein.

Test developed and characteristics determined by ARUP Laboratories. See Compliance Statement B: aruplab.com/CS

Pompe GAA Activity Leukocytes

**5.0 nmol/h/mg L (Ref Interval: 5.5-25.0)**

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

Unless otherwise indicated, testing performed at:

VERIFIED/REPORTED DATES

Procedure	Accession	Collected	Received	Verified/Reported
Pompe GAA Activity Leukocytes Interp	19-011-402872	1/11/2019 11:36:00 AM	1/14/2019 6:57:15 AM	1/18/2019 1:33:00 PM
Pompe GAA Activity Leukocytes	19-011-402872	1/11/2019 11:36:00 AM	1/14/2019 6:57:15 AM	1/18/2019 1:33:00 PM

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  
Tracy I. George, MD, Laboratory Director

Patient: Patient, Example  
ARUP Accession: 19-011-402872  
Patient Identifiers: 01234567890ABCD, 012345  
Visit Number (FIN): 01234567890ABCD  
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