

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

Physician: Doctor, Example

Patient: Patient, Example

DOB: 5/11/2002
Gender: Female
Patient Identifiers: 01234567890ABCD, 012345
Visit Number (FIN): 01234567890ABCD
Collection Date: 00/00/0000 00:00

Aminolevulinic Acid Dehydratase (ALAD), Blood

ARUP test code 2011012

ALA Dehydratase, Whole Blood

3.8 nmol/L/sec L

-----REFERENCE VALUE-----
>=4.0
3.5-3.9 (Indeterminate)
<3.5 (Diminished)

ALA - Interpretation

SEE NOTE

In this sample, the erythrocyte aminolevulinic acid dehydratase (ALAD) activity was mildly decreased. This finding is likely of no clinical significance. Aminolevulinic acid dehydratase deficiency porphyria is a rare autosomal recessive disorder in which the ALAD activity is lower than 5% of the normal control. ALAD activity is rapidly degraded if the blood sample is not properly stored or transported. Please be aware that this assay is not useful in evaluating lead intoxication as it re-activates ALAD that may have been inhibited by lead.

-----ADDITIONAL INFORMATION-----
Enzymatic End point/Spectrofluorometric
This test was developed and its performance characteristics determined by Mayo Clinic in a manner consistent with CLIA requirements. This test has not been cleared or approved by the U.S. Food and Drug Administration.

ALA - Reviewed by

SEE NOTE

RESULT: Silvia Tortorelli, M.D., Ph.D.
Test Performed by:
Mayo Clinic Laboratories - Rochester Main Campus
200 First Street SW, Rochester, MN 55905
Lab Director: William G. Morice M.D. Ph.D.; CLIA# 24D0404292

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

VERIFIED/REPORTED DATES				
Procedure	Accession	Collected	Received	Verified/Reported
ALA Dehydratase, Whole Blood	21-056-138684	00/00/0000 00:00	00/00/0000 00:00	00/00/0000 00:00
ALA - Interpretation	21-056-138684	00/00/0000 00:00	00/00/0000 00:00	00/00/0000 00:00
ALA - Reviewed by	21-056-138684	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:

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: 21-056-138684
Patient Identifiers: 01234567890ABCD, 012345
Visit Number (FIN): 01234567890ABCD
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