

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

Physician: Doctor, Example

Patient: Patient, Example

DOB: 5/18/1982
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 **2.4 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 moderately decreased. This finding is not consistent with a biochemical diagnosis of ALA dehydratase deficiency (ADP). ADP is a rare autosomal recessive disorder in which the ALAD enzyme activity is lower than 5% of the normal control. Moreover, ALAD activity is rapidly degraded if the blood sample is not properly stored or transported. If clinically indicated, consider sending a urine sample for aminolevulinic acid and porphobilinogen analyses. 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

Test Performed by:
Mayo Clinic Laboratories - Rochester Main Campus
200 First Street SW, Rochester, MN 55905
Lab Director: Nikola A. Baumann Ph.D.; CLIA# 24D0404292

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

VERIFIED/REPORTED DATES

Procedure	Accession	Collected	Received	Verified/Reported
ALA Dehydratase, Whole Blood	24-199-105488	00/00/0000 00:00	00/00/0000 00:00	00/00/0000 00:00
ALA - Interpretation	24-199-105488	00/00/0000 00:00	00/00/0000 00:00	00/00/0000 00:00
ALA - Reviewed by	24-199-105488	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
Jonathan R. Genzen, MD, PhD, Laboratory Director

Patient: Patient, Example
ARUP Accession: 24-199-105488
Patient Identifiers: 01234567890ABCD, 012345
Visit Number (FIN): 01234567890ABCD
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