

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

Physician: Doctor, Example

Patient: Patient, Example

DOB: 1/17/1988
Gender: Male
Patient Identifiers: 01234567890ABCD, 012345
Visit Number (FIN): 01234567890ABCD
Collection Date: 01/01/2017 12:34

Arylsulfatase A, Leukocytes, Blood

ARUP test code 2011058

Arylsulfatase A, Leukocytes, Whole Blood **39 nmo1/h/mg L (Ref Interval: >=62)**

Arylsulfatase A, Interpretation

SEE NOTE

In this sample, arylsulfatase A activity is decreased. This result indicates that this individual may be affected with either metachromatic leukodystrophy (MLD) or multiple sulfatase deficiency. However, please note that individuals with pseudoarylsulfatase A deficiency can have results in this range but are otherwise unaffected with MLD (Dubois et al. Am J Hum Genet. 1977; 29: 191-4; Butterworth et al. Clin Genet. 1978; 14: 213-8). We recommend urine sulfatide analysis (MCL test CTSA/Ceramide Trihexosides and Sulfatides, Urine) to exclude pseudoarylsulfatase A deficiency as well as a genetics consultation. If molecular testing is desired, consider MCL test ARSAZ/ARSA Gene, Full Gene Analysis. In addition, the MLD Foundation (1-800-617-8387; mldfoundation.org) provides information and support services for families and health care professionals. Please contact the Biochemical Genetics consultant or genetic counselor on call (1-800-533-1710) if you have any questions.

-----ADDITIONAL INFORMATION-----
Colorimetric Enzyme Assay
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.

Reason for Referral Not provided

Reviewed by CHRISTINE THOE
Test Performed by:
Mayo Clinic Laboratories - Rochester Main Campus
200 First Street SW, Rochester, MN 55905

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

Unless otherwise indicated, testing performed at:

VERIFIED/REPORTED DATES

Procedure	Accession	Collected	Received	Verified/Reported
Arylsulfatase A, Leukocytes, Whole Blood	18-323-105424	11/19/2018 10:41:00 AM	11/19/2018 11:15:54 AM	11/19/2018 12:48:00 PM
Arylsulfatase A, Interpretation	18-323-105424	11/19/2018 10:41:00 AM	11/19/2018 11:15:54 AM	11/19/2018 12:48:00 PM
Reason for Referral	18-323-105424	11/19/2018 10:41:00 AM	11/19/2018 11:15:54 AM	11/19/2018 12:48:00 PM
Reviewed by	18-323-105424	11/19/2018 10:41:00 AM	11/19/2018 11:15:54 AM	11/19/2018 12:48:00 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: 18-323-105424
Patient Identifiers: 01234567890ABCD, 012345
Visit Number (FIN): 01234567890ABCD
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