

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, 24-Hour Urine

ARUP test code 0095227

Arylsulfatase A, 24-Hour Urine

10 nmol/h/mL L (Ref Interval: >=19)

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 C TSA/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.
Test Performed by:
Mayo Clinic Laboratories - Rochester Main Campus
200 First Street SW, Rochester, MN 55905

Arylsulfatase A - Reviewed By

CHRISTINE THOE

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

Unless otherwise indicated, testing performed at:

VERIFIED/REPORTED DATES				
Procedure	Accession	Collected	Received	Verified/Reported
Arylsulfatase A, 24-Hour Urine	18-323-105461	11/19/2018 10:43:00 AM	11/19/2018 11:15:54 AM	11/19/2018 12:51:00 PM
Arylsulfatase A - Interpretation	18-323-105461	11/19/2018 10:43:00 AM	11/19/2018 11:15:54 AM	11/19/2018 12:51:00 PM
Arylsulfatase A - Reviewed By	18-323-105461	11/19/2018 10:43:00 AM	11/19/2018 11:15:54 AM	11/19/2018 12:51:00 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: 18-323-105461
Patient Identifiers: 01234567890ABCD, 012345
Visit Number (FIN): 01234567890ABCD
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