



Patient ID SA00002760	Patient Name TESTINGRNV, ARSUABN	Birth Date 1987-08-10	Gender M	Age 28
Order Number SA00002760	Client Order Number SA00002760	Ordering Physician CLIENT, CLIENT	Report Notes	
Account Information C7028846 DLMP Rochester		Collected 16 Aug 2015 00:00		

Arylsulfatase A, U

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15 nmol/h/mL

Low

Reviewed By

JANICE HELGESON

Interpretation (ARSU)

In this sample, arylsulfatase A activity is decreased. This result indicates that this individual may be affected with either metachromatic leukodystrophy (MLD, OMIM 250100) or multiple sulfatase deficiency (OMIM 272200). However, please also note that individuals with pseudoarylsulfatase A deficiency can have

MCR

Reference Value
≥19

MCR

MCR

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 (MML test CTSA) to exclude pseudoarylsulfatase A deficiency as well as a genetics consultation. In addition, the MLD Foundation (1–800–617–8387; <http://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

Received: 17 Aug 2015 14:33

Reported: 18 Aug 2015 07:59

Performing Site Legend

Code	Laboratory	Address	Lab Director	CLIA Certificate
MCR	Mayo Clinic Laboratories - Rochester Main Campus	200 First Street SW, Rochester, MN 55905	William G. Morice M.D. Ph.D	24D0404292