

Patient ID M0002014	Patient Name SAMPLEREPORT, ARSAW A	Birth Date 1971-09-28	Gender F	Age 40
Order Number M0002014	Client Order Number M0002014	Ordering Physician	Report Notes	
Account Information C7028846 DLMP Rochester		Collected 27 Jun 2012 00:23		

Arylsulfatase A, Leukocytes

Arylsulfatase A, Leukocytes


39 nmol/h/mg

Low

MCR

 Reference Value
≥62

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

Interpretation

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In this sample, arylsulfatase A activity is decreased. This result indicates that this individual may be affected with metachromatic leukodystrophy (MLD, OMIM 250100) or multiple sulfatase deficiency (OMIM 272200). However, please also 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). In the absence of clinical information, we recommend urine sulfatide analysis (MML test CTSA) to exclude pseudoarylsulfatase A deficiency as well as a genetics

Reason for referral

MCR

Not provided

Reviewed by

MCR

Marie Quade

Received: 27 Jun 2012 00:23

Reported: 08 Feb 2013 15:02

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