



Patient ID SA00062395	Patient Name SAMPLEREPORT, ARST A	Birth Date 1958-01-16	Gender M	Age 55
Order Number SA00062395	Client Order Number SA00062395	Ordering Physician Client, Client	Report Notes	
Account Information C7028846 DLMP Rochester		Collected 17 Sep 2013 10:07		

Arylsulfatase A, Fibroblasts

Arylsulfatase A, Fibroblasts



0.33 nmol/min/mg Prot

Low

MCR

Reference Value
≥4.25

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

Reviewed By

Daniel Kraft

MCR

Received: 17 Sep 2013 11:05

Reported: 17 Sep 2013 13:16

Interpretation (ARST)

MCR

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 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

Cryopreserve for Biochem Studies

MCR

Cryopreserve for Biochem Studies was cancelled on 09/17/2013 at 11:05; Test not performed.

Received: 17 Sep 2013 11:05

Reported: 17 Sep 2013 11:05

Fibroblast Culture

MCR

Fibroblast Culture was cancelled on 09/17/2013 at 11:05; Test not performed.

Received: 17 Sep 2013 11:05

Reported: 17 Sep 2013 11:05

Performing Site Legend

Code	Laboratory	Address
MCR	Mayo Clinic Dept. of Lab Med and Pathology	200 First Street SW, Rochester, MN 55905