

Patient ID SA00123649	Patient Name TESTINGRNV, IDUAW SAMPLE A	Birth Date 2014-06-03	Gender F	Age 5
Order Number SA00123649	Client Order Number SA00123649	Ordering Physician CLIENT,CLIENT	Report Notes	
Account Information C7028846 DLMP Rochester		Collected 17 Oct 2019 06:30		

Alpha-L-Iduronidase, Leukocytes

Alpha-L-Iduronidase, Leukocytes



Low

1.50 nmol/h/mg Prot

MCR

Reference Value
≥2.06

Interpretation

In this sample, the activity of alpha-L-iduronidase (IDUA) was reduced indicating that this individual is affected with Mucopolysaccharidosis (MPS) type I (including Hurler, Hurler-Scheie, and Scheie syndromes). However, because pseudodeficient IDUA activity cannot be excluded, consider measurement of glycosaminoglycans in blood (MCL test MPSBS or MPSWB) or urine (MCL test MPSSC), and molecular genetic

1 MCR

analysis of the IDUA gene (MCL test MPS1Z; could be performed on existing specimen by calling MCL within one month). Please contact the Biochemical Genetics consultant or genetic counselor on call (1-800-533-1710) if you have any questions.

ADDITIONAL INFORMATION

Flow Injection Analysis-Tandem Mass Spectrometry (FIA-MS/MS)

Reviewed By

Marie Quade

MCR

Received: 17 Oct 2019 11:32

Reported: 17 Oct 2019 13:19

Laboratory Notes

- 1 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.

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