

Patient ID C7028846-0005460	Patient Name TEST, I2SWB A	Birth Date 1987-04-01	Sex F	Age 36
Order Number X100426868	Client Order Number X100426868	Ordering Physician unkdr	Report Notes	
Account Information C7028846 DLMP Rochester		Collected 08 Aug 2023 10:15		

Iduronate-2-sulfatase, WBC

Reason for Referral

Follow up of abnormal newborn screening

Iduronate-2-sulfatase



0.61 nmol/h/mg Prot

Reference Value
>2.20

MCR

MCR

1 MCR

Interpretation

POSITIVE In this sample, the activity of iduronate-2-sulfatase in leukocytes was reduced indicating that this individual may be affected with mucopolysaccharidosis type II (Hunter syndrome), an X-linked condition. However, pseudodeficiency of this enzyme cannot be excluded. If clinically

indicated, consider further testing to include glycosaminoglycan analysis in blood (MCL test MPSBS or MPSEB) or urine (MCL test MPSQU) and/or confirmation by molecular genetic analysis of the IDS gene (MCL test MPS2Z). Please contact the Biochemical Genetics consultant or genetic counselor on call (1-800-533-1710) if you have any questions.

ADDITIONAL INFORMATION

Liquid Chromatography-Tandem Mass Spectrometry (LC-MS/MS)

Reviewed By

Marie Quade

MCR

Received: 14 Aug 2023 15:23

Reported: 14 Aug 2023 18:32

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