

Patient ID C7028846-0005458	Patient Name TEST, I2SB A	Birth Date 1977-03-05	Sex F	Age 46
Order Number X100426864	Client Order Number X100426864	Ordering Physician unkdr	Report Notes	
Account Information C7028846 DLMP Rochester		Collected 07 Aug 2023 10:15		

Iduronate-2-sulfatase, BS

Reason for Referral

Rule out MPS II

Iduronate-2-sulfatase



Low

2.25 nmol/mL/h

Reference Value
>4.30

Interpretation

POSITIVE In this dried blood spot sample, the activity of iduronate-2-sulfatase 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

MCR

MCR

1 MCR

further testing to include glycosaminoglycan analysis in blood (MCL test MPSBS) and/or confirmation by molecular genetic analysis of the IDS gene (MCL test MPS2Z). If not already ordered, these could be performed on the existing sample by calling MCL (1-800-533-1710) 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

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

Reviewed By

Marie Quade

MCR

Received: 14 Aug 2023 15:23

Reported: 14 Aug 2023 17:35

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