



Patient ID 321	Patient Name IMPLEMENTATION, TEST T	Birth Date 2001-05-01	Sex F	Age 24
Order Number X100521624	Client Order Number X100521624	Ordering Physician TESTING	Report Notes	
Account Information C7028846 DLMP Rochester		Collected 05 Feb 2026 05:01		

Sorbitol and Xylitol, QN, WB

Interpretation

1 MCR

POSITIVE In this sample, the concentrations of sorbitol and xylitol were elevated. This result is suggestive of a biochemical diagnosis of sorbitol dehydrogenase (SORD) deficiency with peripheral neuropathy. We recommend molecular genetic analysis of the SORD gene (MCL test CGPH, gene list ID: NEUROLOGY-S3NL4H).

ADDITIONAL INFORMATION

Gas Chromatography-Mass Spectrometry (GC-MS) Stable Isotope Dilution Analysis

Sorbitol



High

167.0 nmol/mL

MCR

Reference Value
≤15.0

Xylitol



High

121.1 nmol/mL

MCR

Reference Value
≤2.0

Reviewed By

Colleen Landon

MCR

Received: 09 Feb 2026 08:41

Reported: 09 Feb 2026 08:45

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	Nikola Baumann Ph.D.	24D0404292