

Reporting Title: Sorbitol and Xylitol, QN, U
Performing Location: Rochester

Ordering Guidance:
This is the preferred test for assessing sorbitol dehydrogenase (SORD) deficiency-related peripheral neuropathy. The preferred test for monitoring effectiveness of treatment in patients with phosphomannomutase 2 deficiency (PMM2-CDG) is SORBU / Sorbitol and Mannitol, Quantitative, Random, Urine

Necessary Information:
1. Patient’s age is required.
2. [Biochemical Genetics Patient Information](#) (T602) is recommended, but not required, to be filled out and sent with the specimen to aid in the interpretation of test results.

Specimen Requirements:
Supplies: Urine Tubes, 10mL (T068)
Container/Tube: Plastic, 10-mL urine tube
Specimen Volume: 2 mL
Collection Instructions:
1. Collect a random urine specimen.
2. No preservative needed.

Forms:
[Biochemical Genetics Patient Information](#) (T602)

Specimen Type	Temperature	Time	Special Container
Urine	Refrigerated (preferred)	28 days	
	Frozen	28 days	

Result Codes:

Result ID	Reporting Name	Type	Unit	LOINC®
620921	Interpretation	Alphanumeric		59462-2
620922	Sorbitol	Numeric	mmol/mol Cr	48152-3
620923	Xylitol	Numeric	mmol/mol Cr	48132-5
620927	Reviewed By	Alphanumeric		18771-6

LOINC® and CPT codes are provided by the performing laboratory.

Supplemental Report:
No

CPT Code Information:
82542

Reference Values:

Sorbitol:
<35 mmol/mol creatinine

Xylitol:
<351 mmol/mol creatinine