

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

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

Necessary Information:
Patient's age is required.

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

Forms:
[If not ordering electronically, complete, print, and send a Biochemical Genetics Test Request](#) (T798) with the specimen.

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

Result Codes:

Result ID	Reporting Name	Type	Unit	LOINC®
614935	Sorbitol	Numeric	mmol/mol Cr	48152-3
614936	Mannitol	Numeric	mmol/mol Cr	47698-6
614937	Interpretation	Alphanumeric		59462-2
614938	Reviewed By	Alphanumeric		18771-6

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

Supplemental Report:
No

CPT Code Information:
82542

Reference Values:

Mannitol: <97 mmol/mol creatinine
Sorbitol: <35 mmol/mol creatinine