

**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.

**Specimen Minimum Volume:**

1 mL

**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®
614936	Mannitol	Numeric	mmol/mol Cr	47698-6
614935	Sorbitol	Numeric	mmol/mol Cr	48152-3

Result ID	Reporting Name	Type	Unit	LOINC®
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