

Sorbitol and Mannitol, Quantitative, Random, Urine

Test ID: SORBU

Useful for:

Monitoring effectiveness of treatment in patients with phosphomannomutase 2 deficiency (PMM2-CDG)

Establishing a baseline level prior to initiating treatment for PMM2-CDG

This test is **not useful** for diagnosing congenital disorders of glycosylation (CDG) in general or PMM2-CDG in particular

Methods:

Gas Chromatography-Mass Spectrometry (GC-MS)

Reference Values:

Mannitol: <97 mmol/mol creatinine

Sorbitol: <35 mmol/mol creatinine

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.
Minimum Volume:	1 mL

Necessary Information:

Patient's age is required.

Specimen Stability Information:

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

Cautions:

No significant cautionary statements

CPT Code:

82542

Day(s) Performed: Tuesday **Report Available:** 3 to 9 days

Questions

Contact Melissa Tricker-Klar, Laboratory Technologist Resource Coordinator at 800-533-1710.