



## Sorbitol and Xylitol, Quantitative, Random, Urine

**Test ID:** SORD

**Useful for:**

Screening for sorbitol dehydrogenase deficiency--related neuropathy.

**Genetic Information:**

This test is used to aid in the diagnosis of patients with sorbitol dehydrogenase-related peripheral neuropathy.

**Methods:**

Gas Chromatography Mass Spectrometry (GC-MS)

**Reference Values:**

Sorbitol:

<35 mmol/mol creatinine

Xylitol:

<351 mmol/mol creatinine

**Specimen Requirements:**

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

**Necessary Information:**

1. Patient's age is required.

**Specimen Stability Information:**

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

**Cautions:**

A positive test result is diagnostic of sorbitol dehydrogenase (SORD) deficiency-related neuropathy; however, it is strongly recommended to follow-up with molecular analysis. Molecular analysis of the *SORD* gene is complicated by the *SORD2P* pseudogene and specific molecular testing approaches maybe required.

**CPT Code:**

82542

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

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