

Reporting Title: Polyols, QN, U
Performing Location: Rochester

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, 10 mL (T068)
Specimen Volume: 2 mL
Collection Instructions:
- 1. Collect a random urine specimen.
 - 2. No preservative.

Forms:

- 1. [Biochemical Genetics Patient Information](#) (T602)
- 2. 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®
35824	Erythritol	Numeric	mmol/mol Cr	48107-7
35825	Arabinitol	Numeric	mmol/mol Cr	47829-7
35826	Ribitol	Numeric	mmol/mol Cr	47884-2
35827	Sedoheptulose	Numeric	mmol/mol Cr	78967-7
35829	Interpretation (TALDO)	Alphanumeric		74448-2
35830	Reviewed By	Alphanumeric		18771-6

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

Supplemental Report:

No

CPT Code Information:

82542

Reference Values:

ERYTHRITOL

< or =11 months: <220 mmol/mol creatinine
1-3 years: <267 mmol/mol creatinine
4-17 years: <171 mmol/mol creatinine
>or =18 years: <99 mmol/mol creatinine

ARABINITOL

< or =11 months: <140 mmol/mol creatinine
1-3 years: <149 mmol/mol creatinine
4-17 years: <97 mmol/mol creatinine
>or =18 years: <51 mmol/mol creatinine

RIBITOL

< or =11 months: <31 mmol/mol creatinine
1-3 years: <31 mmol/mol creatinine
4-17 years: <17 mmol/mol creatinine
>or =18 years: <11 mmol/mol creatinine

SEDOHEPTULOSE

< or =11 months: <76 mmol/mol creatinine
1-3 years: <27 mmol/mol creatinine
4-17 years: <28 mmol/mol creatinine
>or =18 years: <22 mmol/mol creatinine