

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.

Specimen Minimum Volume:

1 mL

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

Result ID	Reporting Name	Type	Unit	LOINC®
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