

Reporting Title: S-Sulfocysteine Panel, U

Performing Location: Rochester

Ordering Guidance:

This is the recommended test when clinical features are suggestive of, or when molecular testing results suggest, molybdenum cofactor deficiency, isolated sulfite oxidase deficiency, and hereditary xanthinuria. This test includes measurement of relevant purines in addition to urine S-sulfocysteine and uric acid. If the clinical features are suggestive of a purine and pyrimidine metabolism disorder or are nonspecific, order PUPYU / Purine and Pyrimidines Panel, Random, Urine.

This test will be canceled if ordered with PUPYU.

Necessary Information:

Patient's age is required.

Specimen Requirements:

Supplies: Urine Tubes, 10 mL (T068)

Container/Tube: Plastic, 10-mL urine tube

Specimen Volume: 3 mL

Collection Instructions: Collect a random urine specimen.

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	Frozen	90 days	

Result Codes:

Result ID	Reporting Name	Type	Unit	LOINC®
607007	Interpretation (SSCTU)	Alphanumeric		59462-2
607002	Hypoxanthine	Alphanumeric	mmol/mol Cr	38366-1
607003	Xanthine	Alphanumeric	mmol/mol Cr	38371-1
607004	Uric Acid	Alphanumeric	mmol/mol Cr	34385-5
607005	S-Sulfocysteine	Alphanumeric	mmol/mol Cr	33876-4
607006	Reviewed By	Alphanumeric		18771-6

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

Supplemental Report:

No

CPT Code Information:

82542

Reference Values:

	0-3 years	4-6 years	7-12 years	13-18 years	>18 years
Hypoxanthine	< or =65	< or =30	< or =30	< or =30	< or =30
Xanthine	< or =54	< or =21	< or =35	< or =15	< or =20
Uric Acid	350-2500	200-2000	200-1400	150-700	70-700
S-Sulfocysteine	< or =11	< or =5	< or =5	< or =5	< or =5

All results reported as mmol/mol creatinine