Test Definition: PUPY

Purine and Pyrimidine Panel, Urine

Reporting Title: Purine and Pyrimidine Panel, U
Performing Location: Rochester

Specimen Requirements:

Container/Tube: Plastic, 10-mL urine tube (Supply T068)
Specimen Volume: 3 mL
Collection Instructions: Collect a random urine specimen.
Additional Information: Patient's age is required.
Forms:
1. 1. New York Clients-Informed consent is required. Please document on the request form or electronic order that a copy is on file. An Informed Consent for Genetic Testing (Supply T576) is available in Special Instructions.
2. 2. If not ordering electronically, submit a Biochemical Genetics Request Form (Supply T439) with the specimen.

Specimen Type	Temperature	Time
Urine	Frozen	7 days

Result Codes:

Result ID	Reporting Name	Type	Unit	LOINC®
81420	Uracil	Numeric	mmol/mol Cr	25140-5
6813	Uric Acid	Numeric	mmol/mol Cr	34385-5
6814	Hypoxanthine	Numeric	mmol/mol Cr	38366-1
6815	Xanthine	Numeric	mmol/mol Cr	38371-1
6816	Comment	Alphanumeric		48767-8

CPT Code: 1 × 83789

Reference Values:

URACIL
0-2 years: < or =31 mmol/mol creatinine
3-5 years: < or =30 mmol/mol creatinine
6-11 years: < or =28 mmol/mol creatinine
12-17 years: < or =26 mmol/mol creatinine
> or =18 years: < or =35 mmol/mol creatinine

URIC ACID
0-2 years: < or =2,249 mmol/mol creatinine
3-5 years: < or =1,900 mmol/mol creatinine
6-11 years: < or =1,398 mmol/mol creatinine
12-17 years: < or =698 mmol/mol creatinine

> or =18 years: < or =669 mmol/mol creatinine

HYPOXANTHINE
0-2 years: <53 mmol/mol creatinine
3-5 years: <49 mmol/mol creatinine
6-11 years: <43 mmol/mol creatinine
12-17 years: <36 mmol/mol creatinine
> or =18 years: <40 mmol/mol creatinine

XANTHINE
0-2 years: <49 mmol/mol creatinine
3-5 years: <41 mmol/mol creatinine
6-11 years: <30 mmol/mol creatinine
12-17 years: <16 mmol/mol creatinine
> or =18 years: <51 mmol/mol creatinine