

Reporting Title: Copper/Creat Ratio, Random, U

Performing Location: Rochester

Specimen Requirements:

**Patient Preparation:** High concentrations of barium are known to interfere with most metal tests. If barium-containing contrast media has been administered, the specimen should not be collected for at least 96 hours.

**Supplies:** Urine Tubes, 10 mL (T068)

**Collection Container/Tube:** Clean, plastic urine collection container with no metal cap or glued insert

**Submission Container/Tube:** Plastic, 10-mL urine tube or a clean, plastic aliquot container with no metal cap or glued insert

**Specimen Volume:** 3 mL

Collection Instructions:

1. Collect a random urine specimen.
2. See [Metals Analysis Specimen Collection and Transport](#) for complete instructions.

Forms:

Specimen Type	Temperature	Time	Special Container
Urine	Refrigerated (preferred)	28 days	
	Frozen	28 days	
	Ambient	14 days	

Result Codes:

Result ID	Reporting Name	Type	Unit	LOINC®
CRETR	Creatinine, Random, U	Numeric	mg/dL	2161-8
615258	Copper/Creat Ratio, U	Numeric	mcg/g Cr	13829-7

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

Supplemental Report:

No

Components:

Test Id	Reporting Name	CPT Units	CPT Code	Always Performed	Available Separately
CURC	Copper/Creat Ratio, U	1	82525	Yes	No
CRETR	Creatinine, Random, U	1	82570	Yes	No

CPT Code Information:

82525

82570

**Reference Values:**

COPPER/CREATITINE:

Males:

0-17 years: Not established

> or =18 years: 9-43 mcg/g creatinine

Females:

0-17 years: Not established

> or =18 years: 7-72 mcg/g creatinine

CREATITINE:

> or =18 years old: 16-326 mg/dL

Reference values have not been established for patients who are younger than 18 years of age.