

## Copper Urine (Random or 24hr)

Order Name: **COPPER U**  
Test Number: 3629600  
Revision Date: 12/09/2022

TEST NAME	METHODOLOGY	LOINC CODE
Copper Urine (Random or 24hr)	Inductively-Coupled Plasma/Mass Spectrometry	

### SPECIMEN REQUIREMENTS

Specimen	Specimen Volume (min)	Specimen Type	Specimen Container	Transport Environment
Preferred	5 mL (1.3 mL)	Urine, 24-hour	24 hour Urine Container	Room Temperature
Alternate 1	5 mL (1.3 mL)	Urine, Random	Trace Element-Free 24hr container	Room Temperature

**Instructions**

**Notes:** 1.3 mL (Note: This volume Does NOT allow for repeat testing).

**Specimen Type:** Plastic urine container, no preservative

**Container Detail:** No Preserv

**Specimen Storage:** Maintain specimen at room temperature.

**Specimen Collection:** Instruct the patient to void at 8 AM and discard the specimen. Then collect all urine including the final specimen voided at the end of the 24-hour collection period (ie, 8 AM the next morning). Screw the lid on securely.

**Special Instructions:** Request form MUST state 24-hour collection volume, if applicable. Do not use preservative. Preservatives used for routine analysis may contain mercuric oxide (ie, Stabilur), which interferes with all metal testing. If both urinalysis and metal testing are

**Specimen Stability:** Ambient: 14 days, Refrigerated : 14 days, Frozen: 14 days

### GENERAL INFORMATION

Expected TAT	2 - 4 days
Clinical Use	Diet, medication, and nutritional supplements may introduce interfering substances. Patients should be encouraged to discontinue nutritional supplements, vitamins, minerals, and non-essential over-the-counter medications (upon the advice of their physician). High concentrations of iodine may interfere with elemental testing. Abstinence from iodine-containing medications or contrast agents for at least 1 month prior to collecting specimens for elemental testing is recommended.
Performing Labcorp Test Code	003343
Notes	Labcorp Test Code: 003343
CPT Code(s)	82525, 82570
Lab Section	Reference Lab