

---

**Reporting Title:** Creatinine, 24 HR, U**Performing Location:** Rochester**Necessary Information:**

24-Hour volume (in milliliters) is required.

**Specimen Requirements:**

Supplies: Sarstedt 5 mL Aliquot Tube (T914)

Collection Container/Tube: 24-hour graduated urine container with no metal cap or glued insert

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

Specimen Volume: 4 mL

Collection Instructions:

1. Collect urine for 24 hours.
2. Refrigerate specimen within 4 hours of completion of 24-hour collection.

Additional Information:

1. This test does not require the use of a chemical preservative; if a chemical preservative is used, it must be added to the specimen within 4 hours of completion of 24-hour collection.
2. See Urine Preservatives-Collection and Transportation for 24-Hour Urine Specimens for multiple collections.

**Specimen Minimum Volume:**

1 mL

**Forms:**

If not ordering electronically, complete, print, and send a Renal Diagnostics Test Request (T830) with the specimen.

**Urine Preservative Collection Options:**

Note: The addition of preservative or application of temperature controls must occur within 4 hours of completion of the collection.

Ambient OK

Refrigerate Preferred

Frozen OK

50% Acetic Acid OK

Boric Acid OK

Diazolidinyl Urea OK

6M Hydrochloric Acid OK

6M Nitric Acid No

Sodium Carbonate OK

Thymol OK

Toluene No

Specimen Type	Temperature	Time	Special Container
Urine	Refrigerated (preferred)	30 days	
	Frozen	30 days	
	Ambient	14 days	

**Ask at Order Entry (AOE) Questions:**

Test ID	Question ID	Description	Type	Reportable
CTU	TM10	Collection Duration	Plain Text	Yes
CTU	VL8	Urine Volume	Plain Text	Yes

**Result Codes:**

Result ID	Reporting Name	Type	Unit	LOINC®
CRE_A	Creatinine, 24 HR, U	Numeric	mg/24 h	2162-6
TM10	Collection Duration <b>Also used by tests: CRT24</b>	Numeric	h	13362-9
VL8	Urine Volume <b>Also used by tests: CRT24</b>	Numeric	mL	3167-4
NCTU_	Creatinine Concentration	Numeric	mg/dL	20624-3

LOINC and CPT codes are provided by the performing laboratory.

**Supplemental Report:**

No

**CPT Code Information:**

82570

---

**Reference Values:**

Reference values mg per 24 hours:

Males > or =18 years: 930-2955 mg/24 hours

Females > or =18 years: 603-1783 mg/24 hours

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

For SI unit Reference Values, see [www.mayocliniclabs.com/order-tests/si-unit-conversion.html](http://www.mayocliniclabs.com/order-tests/si-unit-conversion.html)