

---

**Reporting Title:** Protein, Total, 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, 5 mL 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. Specimens should be collected before fluorescein is given or not collected until at least 24 hour later.
2. No preservative.
3. Invert well before taking 4-mL aliquot.
4. Do not over fill aliquot tube 4 mL at most.

Additional Information: 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 No

Refrigerate Preferred

Frozen OK

50% Acetic Acid No

Boric Acid OK

Diazolidinyl Urea OK

6M Hydrochloric Acid No

6M Nitric Acid No

Sodium Carbonate No

Thymol OK

Toluene No

Specimen Type	Temperature	Time	Special Container
Urine	Refrigerated (preferred)	14 days	
	Frozen	30 days	
	Ambient	24 hours	

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

Test ID	Question ID	Description	Type	Reportable
PTU	TM23	Collection Duration	Plain Text	Yes
PTU	VL21	Urine Volume	Plain Text	Yes

**Result Codes:**

Result ID	Reporting Name	Type	Unit	LOINC®
TP2	Total Protein, 24 HR, U	Numeric	mg/24 h	2889-4
TM23	Collection Duration	Numeric	h	13362-9
VL21	Urine Volume	Numeric	mL	19153-6

LOINC and CPT codes are provided by the performing laboratory.

**Supplemental Report:**

No

**CPT Code Information:**

84156

**Reference Values:**

> or =18 years: <229 mg/24 hours

Reference values have not been established for patients <18 years of age.

Reference value applies to 24-hour collection.