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

24-Hour volume (in milliliters) is required.

Specimen Requirements:

Patient Preparation: Patient cannot have a laxative during the 24-hour collection period.

Supplies: Sarstedt Aliquot Tube, 5 mL (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.

2. Refrigerate specimen within 4 hours of completion of 24-hour collection.

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 OK

Refrigerate Preferred

Frozen OK

50% Acetic Acid OK

Boric Acid OK

Diazolidinyl Urea OK

6M Hydrochloric Acid OK

6M Nitric Acid OK

Sodium Carbonate No

Thymol OK

Toluene No

Specimen Type	Temperature	Time	Special Container
Urine	Refrigerated (preferred)	14 days	
	Frozen	30 days	
	Ambient	72 hours	

Ask at Order Entry (AOE) Questions:

Test ID	Question ID	Description	Type	Reportable
CALU	TM114	Collection Duration	Plain Text	Yes
CALU	VL110	Urine Volume	Plain Text	Yes

Result Codes:

Result ID	Reporting Name	Type	Unit	LOINC®
CA24	Calcium, 24 HR, U	Numeric	mg/24 h	6874-2
TM114	Collection Duration	Numeric	h	13362-9
VL110	Urine Volume	Numeric	mL	3167-4

LOINC and CPT codes are provided by the performing laboratory.

Supplemental Report:

No

CPT Code Information:

82340

Reference Values:

Males: <250 mg/24 hours*

Females: <200 mg/24 hours*

*Values represent clinical cutoffs above which studies have demonstrated increased risk of kidney stone formation. These values were not determined in a reference range study.

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

Reference values apply to 24-hour collection.