

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.

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
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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.