

Reporting Title: Calcium/Creat Ratio, Random, U

Performing Location: Rochester

Specimen Requirements:

- Supplies:** Sarstedt Aliquot Tube 5 mL (T914)
- Collection Container/Tube:** Clean, plastic 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 a random urine specimen.

2. No preservative.

Forms:

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

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

Result Codes:

Result ID	Reporting Name	Type	Unit	LOINC®
CRETR	Creatinine, Random, U	Numeric	mg/dL	2161-8
CCTR	Calcium/Creat Ratio, Random, U	Numeric	mg/mg	9321-1
CALC5	Calcium, Random, U	Numeric	mg/dL	17862-4

LOINC® and CPT codes are provided by the performing laboratory.

Supplemental Report:

No

Components:

Test Id	Reporting Name	CPT Units	CPT Code	Always Performed	Available Separately
CCTR	Calcium/Creat Ratio, Random, U			Yes	No
CALC5	Calcium, Random, U	1	82310	Yes	No
CRETR	Creatinine, Random, U	1	82570	Yes	No

CPT Code Information:

82310

82570

Reference Values:

- 1 month-<12 months: 0.03-0.81 mg/mg creatinine
 - 12 months-<24 months: 0.03-0.56 mg/mg creatinine
 - 24 months-<3 years: 0.02-0.50 mg/mg creatinine
 - 3 years-<5 years: 0.02-0.41 mg/mg creatinine
 - 5 years-<7 years: 0.01-0.30 mg/mg creatinine
 - 7 years-<10 years: 0.01-0.25 mg/mg creatinine
 - 10 years-<18 years: 0.01-0.24 mg/mg creatinine
 - 18 years-83 years: 0.05-0.27 mg/mg creatinine
- Reference values have not been established for patients who are less than 1 month of age.
- Reference values have not been established for patients who are greater than 83 years of age.