

Reporting Title: Oxalate, Random, U**Performing Location:** Rochester**Ordering Guidance:**

A timed 24-hour urine collection is the preferred specimen for measuring and interpreting this urinary analyte. Order OXU / Oxalate, 24 Hour, Urine.

Random collections normalized to urinary creatinine may be of some clinical use in patients who cannot collect a 24-hour specimen, typically small children. Therefore, this random test is offered for children under 16 years old.

Specimen Requirements:

Patient Preparation: Avoid taking large doses (>2 g orally/24 hours) of vitamin C prior to specimen collection.

Supplies: Urine Tubes, 10 mL tube (T068)

Container/Tube: 10-mL plastic tube or a clean, plastic container with no metal cap

Specimen Volume: 7 mL

Collection Instructions:

1. Collect a random urine specimen.
2. No preservative.
3. Specimen pH should be between 4.5 and 8 and will stay in this range if kept refrigerated. Specimens with pH above 8 may indicate bacterial contamination, and testing will be cancelled. Do not attempt to adjust pH as it will adversely affect results.

Specimen Minimum Volume:

6 mL

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	14 days	
	Ambient	72 hours	

Result Codes:

Result ID	Reporting Name	Type	Unit	LOINC®
OXCO1	Oxalate, Random, U (mmol/L)	Numeric	mmol/L	15086-2
OXCO3	Oxalate, Random, U (mg/L)	Numeric	mg/L	2700-3
CRETR	Creatinine, Random, U	Numeric	mg/dL	2161-8
RAT11	Oxalate/Creatinine Ratio	Numeric	mg/mg	13483-3

LOINC and CPT codes are provided by the performing laboratory.

Supplemental Report:

No

Components:

Test ID	Reporting Name	CPT Units	CPT Code	Always Performed	Orderable Separately
OXCO1	Oxalate, Random, U (mmol/L)			Yes	No
OXCO3	Oxalate, Random, U (mg/L)			Yes	No
CRETR	Creatinine, Random, U			Yes	No
RAT11	Oxalate/Creatinine Ratio			Yes	No

CPT Code Information:

83945

82570

Reference Values:

No established reference values