

Reporting Title: Sulfate, 24 Hr, U

Performing Location: Rochester

Necessary Information:

24-Hour volume (in milliliters) is required.

Specimen Requirements:

Supplies: Sarstedt 5 mL Aliquot Tube (T914)

Container/Tube: Plastic, 5-mL urine tube

Specimen Volume: 4 mL

Collection Instructions:

1. Collect urine for 24 hours.
2. Collection instructions with **no preservative**:
- Specimen must be kept refrigerated during and after collection.
3. Collection instructions **with preservative**:
- a. If preservative is **not** added **before** collection, the specimen **must be kept refrigerated until preservative is added**.
- b. Preservative must be added **within 4 hours** of the end of collection.
4. Specimen pH should be between 4.5 and 8 and will stay in this range if kept refrigerated. Specimens with pH >8 indicate bacterial contamination, and testing will be cancelled. Do not attempt to adjust pH as it will adversely affect results.

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: If the specimen has been refrigerated during the entirety of the collection, the addition of preservative **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	OK
Thymol	No
Toluene	No

Specimen Type	Temperature	Time	Special Container
Urine	Refrigerated (preferred)	14 days	
	Frozen	14 days	

Ask at Order Entry (AOE) Questions:

Test ID	Question ID	Description	Type	Reportable
SULFU	TM89	Collection Duration	Plain Text	Yes
SULFU	VL71	Urine Volume	Plain Text	Yes

Result Codes:

Result ID	Reporting Name	Type	Unit	LOINC®
SLF_U	Sulfate, 24 Hr, U	Numeric	mmol/24 h	26889-6
TM89	Collection Duration	Numeric	h	13362-9
VL71	Urine Volume	Numeric	mL	3167-4
SUL_C	Sulfate Concentration, 24 Hr, U	Alphanumeric	mg/dL	12920-5

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

Supplemental Report:

No

CPT Code Information:

84392

Reference Values:

7-47 mmol/24 hours