

Reporting Title: Ammonium, 24 Hr, U
Performing Location: Rochester

Necessary Information:
24-Hour volume (in milliliters) is required.

Specimen Requirements:

- Supplies:**
- Sarstedt 5 mL Aliquot Tube (T914)
 - Diazolidinyl Urea (Germall) 5.0 mL (T822)

Container/Tube: Plastic vial

Specimen Volume: 4 mL

Collection Instructions:

1. Add 5 mL of diazolidinyl urea (Germall) as preservative at start of collection or refrigerate specimen during and after collection.
2. Collect urine for 24 hours.
3. Aliquot urine into plastic vial.
4. Specimens with pH >8 may 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: The addition of preservative **must occur at the start of collection** or application of temperature controls must occur during and after collection.

Ambient	No
Refrigerate	OK
Frozen	OK
50% Acetic Acid	OK
Boric Acid	OK
Diazolidinyl Urea	Preferred
6M Hydrochloric Acid	OK
6M Nitric Acid	No
Sodium Carbonate	No
Thymol	OK
Toluene	No

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

Ask at Order Entry (AOE) Questions:

Test ID	Question ID	Description	Type	Reportable
AMMO	VL91	Urine Volume	Number	Yes
AMMO	TM25	Collection Duration	Number	Yes

Result Codes:

Result ID	Reporting Name	Type	Unit	LOINC®
AM24	Ammonium, 24 Hr, U	Numeric	mmol/24 h	25308-8
TM25	Collection Duration	Numeric	h	13362-9
VL91	Urine Volume	Numeric	mL	3167-4

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

Supplemental Report:

No

CPT Code Information:

82140

Reference Values:

15-56 mmol/24 hour

Reference values have not been established for patients <18 years and >77 years of age.

Reference values apply to 24 hour collections.