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**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.

**Specimen Minimum Volume:**

1 mL

**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.