



Test Definition: UPH24

pH, 24 Hour, Urine

Reporting Title: pH, 24 HR, U

Performing Location: Mayo Clinic Laboratories - Rochester Main Campus

Necessary Information:

24-Hour volume (in milliliters) is required.

Specimen Requirements:

Supplies:

Diazolidinyl Urea (Germall), 5.0 mL (T822)

Urine Tubes, 10 mL (T068)

Container/Tube: Plastic, 10-mL urine tube or a clean, plastic aliquot container

Specimen Volume: 10 mL

Collection Instructions:

1. Collect urine for 24 hours
2. Add 5 mL of diazolidinyl urea as preservative at start of collection **or** refrigerate specimen during and after collection.
3. 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.

Urine Preservative Collection Options:

Note: The addition of preservative or application of temperature controls must occur at the beginning of the collection.

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

Specimen Type	Temperature	Time	Special Container
Urine	Refrigerated (preferred)	7 days	
	Frozen	7 days	

Ask at Order Entry (AOE) Questions:

Test ID	Question ID	Description	Type	Reportable
UPH24	TM90	Collection Duration	Plain Text	Yes
UPH24	VL72	Volume	Plain Text	Yes

Result Codes:

Result ID	Reporting Name	Type	Unit	LOINC®
PH24	pH, 24 HR, U	Numeric		27378-9
TM90	Collection Duration	Numeric	h	13362-9
VL72	Volume	Numeric	mL	3167-4

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

Supplemental Report:

No

CPT Code Information:

83986

Reference Values:

4.5-8.0