
Reporting Title: Aldosterone, U**Performing Location:** Rochester**Ordering Guidance:**

Advice on stimulation or suppression tests is available from Mayo Clinic's Division of Endocrinology; call 800-533-1710.

Necessary Information:

24-Hour volume (in milliliters) is required.

Specimen Requirements:

Patient Preparation: Spironolactone (Aldactone) should be discontinued for 4 to 6 weeks before specimen collection. The plasma renin activity cannot be interpreted if the patient is being treated with spironolactone.

Supplies: Urine tubes, 10 mL (T068)

Container/Tube: Plastic, urine tube

Specimen Volume: 10 mL

Collection Instructions:

1. Collect urine for 24 hours.

2. Add 25 mL of 50% acetic acid as preservative at start of collection. Use 15 mL of 50% acetic acid for children under the age of 5 years. This preservative is intended to achieve a pH of between approximately 2 and 4.

Additional Information: See Urine Preservatives-Collection and Transportation for 24-Hour Urine Specimens for multiple collections.

Specimen Minimum Volume:

1 mL

Urine Preservative Collection Options:

Note: The addition of preservative must occur prior to beginning the collection.

Ambient No

Refrigerate No

Frozen No

50% Acetic Acid Preferred

Boric Acid OK

Diazolidinyl Urea No

6M Hydrochloric Acid No

6M Nitric Acid No

Sodium Carbonate No

Thymol No

Toluene No

Specimen Type	Temperature	Time	Special Container
Urine	Refrigerated (preferred)	28 days	
	Frozen	28 days	
	Ambient	14 days	

Ask at Order Entry (AOE) Questions:

Test ID	Question ID	Description	Type	Reportable
ALDU	TM47	Collection Duration	Plain Text	Yes
ALDU	VL45	Urine Volume	Plain Text	Yes

Result Codes:

Result ID	Reporting Name	Type	Unit	LOINC®
8556	Aldosterone, U	Alphanumeric	mcg/24 h	1765-7
TM47	Collection Duration	Alphanumeric		13362-9
VL45	Urine Volume	Alphanumeric		3167-4

LOINC and CPT codes are provided by the performing laboratory.

Supplemental Report:

No

CPT Code Information:

82088

Reference Values:

0-30 days: 0.7-11.0 mcg/24 h*

31 days-11 months: 0.7-22.0 mcg/24 h*

> or =1 year: 2.0-20.0 mcg/24 h

*Loeuille GA, Racadot A, Vasseur P, Vandewalle B: Blood and urinary aldosterone levels in normal neonates, infants and children. *Pediatric*. 1981 Jul-Aug;36(5):335-344

For International System of Units (SI) conversion for Reference Values, see www.mayocliniclabs.com/order-tests/si-unit-conversion.html