MAYO CLINIC
Mayo Medical Laboratories

Test Definition: ALU

Aluminum, 24 Hour, Urine

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

Specimen Requirements:

Collection Container/Tube: Clean, plastic urine container with no metal cap or glued insert
Submission Container/Tube: Plastic, 10-mL urine tube (Supply T068) or clean, plastic aliquot container with no metal cap or glued insert
Specimen Volume: 10 mL
Collection Instructions:
1. Collect urine for 24 hours.
2. No preservative.
3. See Metals Analysis-Collection and Transport in Special Instructions for complete instructions.
4. Refrigerate specimen within 4 hours of completion of 24-hour collection.
Additional Information:
1. 24-Hour volume is required.
2. See Urine Preservatives in Special Instructions for multiple collections.
3. High concentrations of gadolinium and iodine are known to interfere with most metals tests. If either gadolinium- or iodine-containing contrast media has been administered, a specimen should not be collected for 96 hours.

Urine Preservative Collection Options
Ambient Yes
Refrigerated Preferred
Frozen Yes
6N HCl Yes
50% Acetic Acid Yes
Na2CO3 No
Toluene Yes
6N HNO3 Yes
Boric Acid No
Thymol No

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

Ask at Order Entry (AOE) Questions:

Test ID	Question ID	Description	Type	Reportable
ALU	TM15	Collection Duration	Plain Text	Yes

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Aluminum, 24 Hour, Urine

Test ID	Question ID	Description	Type	Reportable
ALU	VL13	Urine Volume	Plain Text	Yes

Result Codes:

Result ID	Reporting Name	Type	Unit	LOINC®
8828	Aluminum, 24 Hr, U	Numeric	mcg/spec	26707-0
TM15	Collection Duration	Alphanumeric		13362-9
VL13	Urine Volume	Alphanumeric		28009-9
861	Al Conc	Numeric	mcg/L	6929-4

CPT Code: 1 × 82108

Reference Values:

0-20 mcg/specimen
Reference values apply to all ages