

## Alpha-1-Microglobulin, 24 Hour, Urine

**Test ID:** A124

**Useful for:**

Assessment of renal tubular injury or dysfunction

Screening for tubular abnormalities

Detecting chronic asymptomatic renal tubular dysfunction

**Profile Information:**

Test ID	Reporting Name	Available Separately	Always Performed
AIM	Alpha-1-Microglobulin, 24-Hour, U	No	Yes
A1MCR	A1M/Create Ratio	No	Yes
A1MC	Alpha-1-Microglobulin Concentration	No	Yes
CRT24	Creatinine, 24 HR, U	Yes	Yes

**Methods:**

AIM, A1MCR: Calculation

A1MC: Immunonephelometry

CRT24: Enzymatic Colorimetric Assay

**Reference Values:**

> or =18 years: <23 mg/24 hours

Reference values have not been established for patients who are less than 18 years of age.

**Specimen Requirements:**

**Container/Tube:** Plastic, 5-mL tube

**Specimen Volume:** 4 mL

**Collection Instructions:**

1. Collect urine for 24 hours.
2. No preservative.

3. Mix well before taking 4-mL aliquot.

**Minimum Volume:** 1 mL

**Additional Information:** See [Urine Preservatives-Collection and Transportation for 24-Hour Urine Specimens](#) in Special Instructions for multiple collections.

**Specimen Stability Information:**

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

**Cautions:**

Since this is a nephelometric assay, turbidity and particles (eg, cells, crystals) in the specimen can interfere with the test.

**CPT Code:**

83883

**Day(s) Setup:** Varies

**Analytic Time:** 1 day

**Questions**

Contact Tyler Marx, Laboratory Technologist Resource Coordinator at 800-533-1710.