

Reporting Title: Alpha-1-Microglobulin, 24 HR, U
Performing Location: Rochester

Necessary Information:
24-Hour volume (in milliliters) is required.

Specimen Requirements:
Supplies: Sarstedt Aliquot Tube, 5 mL (T914)
Container/Tube: Plastic, 5-mL tube
Specimen Volume: 4 mL
Collection Instructions:
1. Collect urine for 24 hours.
2. No added preservative preferred.
3. Mix well before taking 4-mL aliquot.

Additional Information: For multiple collections see [Urine Preservatives-Collection and Transportation for 24-Hour Urine Specimens](#)

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 or application of temperature controls **must occur within 4 hours of completion** of the collection.

Ambient (no additive)	OK
Refrigerate (no additive)	Preferred
Frozen (no additive)	OK
50% Acetic Acid	OK
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	Ambient	7 days	
	Refrigerated (preferred)	7 days	
	Frozen	7 days	

Ask at Order Entry (AOE) Questions:

Test ID	Question ID	Description	Type	Reportable
CRT24	TM27	Collection Duration (h)	Plain Text	Yes
CRT24	VL69	Urine Volume (mL)	Plain Text	Yes

Result Codes:

Result ID	Reporting Name	Type	Unit	LOINC®
CR_A	Creatinine, 24 HR, U	Numeric	mg/24 h	2162-6
CR_24	Creatinine Concentration, 24 HR, U	Numeric	mg/dL	20624-3
TM27	Collection Duration (h)	Numeric	h	13362-9
VL69	Urine Volume (mL)	Numeric	mL	3167-4
AIM	Alpha-1-Microglobulin, 24 HR, U	Numeric	mg/24 h	48414-7
A1MC	Alpha-1-Microglobulin Concentration	Numeric	mg/L	99076-2
A1MCR	A1M/Creat Ratio	Numeric	mg/g	99075-4

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

Supplemental Report:

No

Components:

Test Id	Reporting Name	CPT Units	CPT Code	Always Performed	Available Separately
AIM	Alpha-1-Microglobulin, 24 HR, U			Yes	No
A1MCR	A1M/Creat Ratio			Yes	No
A1MC	Alpha-1-Microglobulin Concentration	1	83883	Yes	No
CRT24	Creatinine, 24 HR, U			Yes	Yes, (Order CTU)

CPT Code Information:

83883

Reference Values:

Alpha-1-Microglobulin/Creatinine Ratio
Not applicable

Alpha-1-Microglobulin Concentration
> or =18 years: <23 mg/24 hours

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

Creatinine
Normal values mg per 24 hours:
Males: 930-2955 mg/24 hours
Females: 603-1783 mg/24 hours

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

For SI unit Reference Values, see <https://www.mayocliniclabs.com/order-tests/si-unit-conversion.html>