

**Reporting Title:** 3-Methoxytyramine, 24h, U  
**Performing Location:** Mayo Clinic Laboratories - Rochester Superior Drive

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

**Specimen Requirements:**  
**Patient Preparation:** Tricyclic antidepressants, labetalol, and sotalol medications may elevate levels of catecholamines producing results that cannot be interpreted. If clinically feasible, it is optimal to discontinue these medications at least 1 week before collection. Levodopa (Sinemet) medication will cause false-positive results. For advice on assessing the risk of removing patients from these medications and alternatives, consider consultation with a specialist in endocrinology or hypertension.

**Supplies:** Urine Tubes, 10 mL (T068)  
**Submission Container/Tube:** Plastic urine tube  
**Specimen Volume:** 10 mL

**Collection Instructions:**  
1. Complete 24-hour urine collections are preferred, especially for patients with episodic hypertension; ideally the collection should begin at the onset of a "spell."  
2. Add 10 g (pediatric: 3 g) of boric acid or 25 mL (pediatric: 15 mL) of 50% acetic acid as preservative **at start of collection**.  
3. Collect urine for 24 hours..  
**Additional Information:** See [Urine Preservatives-Collection and Transportation for 24-Hour Urine Specimens](#) for multiple collections.

**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 must occur prior to beginning the collection.

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

Specimen Type	Temperature	Time	Special Container
Urine	Refrigerated (preferred)	28 days	
	Ambient	21 days	
	Frozen	28 days	

Ask at Order Entry (AOE) Questions:

Test ID	Question ID	Description	Type	Reportable
3MT	TM120	Collection Duration (h)	Plain Text	Yes
3MT	VL120	Volume (mL)	Plain Text	Yes

Result Codes:

Result ID	Reporting Name	Type	Unit	LOINC®
65157	3-Methoxytyramine, U	Alphanumeric	mcg/24 h	32618-1
TM120	Collection Duration (h)	Alphanumeric		13362-9
VL120	Volume (mL)	Alphanumeric		3167-4

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

Supplemental Report:

No

CPT Code Information:

82542

Reference Values:

Males: < or =306 mcg/24 h

Females: < or =242 mcg/24 h

For International System of Units (SI) conversion for Reference Values, see

[www.mayocliniclabs.com/order-tests/si-unit-conversion.html](http://www.mayocliniclabs.com/order-tests/si-unit-conversion.html)