
Reporting Title: N-Methylhistamine, 24 Hr, U**Performing Location:** Rochester**Ordering Guidance:**

Random urine collections are preferred for patients with episodic symptoms, for example in the context of allergic reactions, brought on by specific environmental factors; order NMHR / N-Methylhistamine, Random, Urine.

If the total volume provided is less than 300 mL, this test will be canceled and NMHR ordered and performed.

Necessary Information:

Specimen volume (in milliliters) and duration are required.

Specimen Requirements:

Patient Preparation: Patient must not be taking monoamine oxidase inhibitors (MAOIs) or aminoguanidine as these medications increase N-methylhistamine (NMH) levels.

Supplies: Sarstedt 5 mL Aliquot Tube (T914)

Container/Tube: Plastic, 5-mL tube

Specimen Volume: 5 mL

Collection Instructions:

1. Collect urine for 24 hours.
2. No preservative.
3. Aliquot into plastic tube and send at refrigerate temperature.

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

Specimen Minimum Volume:

3 mL

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 OK

Refrigerate Preferred

Frozen OK

50% Acetic Acid OK

Boric Acid OK

Diazolidinyl Urea No

6M Hydrochloric Acid OK

6M Nitric Acid OK

Sodium Carbonate OK

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
CRT24	TM10	Collection Duration	Plain Text	Yes
CRT24	VL8	Urine Volume	Plain Text	Yes

Result Codes:

Result ID	Reporting Name	Type	Unit	LOINC®
605159	N-Methylhistamine, 24 Hr	Alphanumeric	mcg/g Cr	44340-8
CR_A	Creatinine, 24 HR, U Also used by tests: CRT24	Numeric	mg/24 h	2162-6
TM10	Collection Duration Also used by tests: CRT24, CTU	Numeric	h	13362-9
VL8	Urine Volume Also used by tests: CRT24, CTU	Numeric	mL	3167-4
CR_24	Creatinine Concentration, 24 HR, U Also used by tests: CRT24	Numeric	mg/dL	20624-3

LOINC and CPT codes are provided by the performing laboratory.

Supplemental Report:

No

Components:

Test ID	Reporting Name	CPT Units	CPT Code	Always Performed	Orderable Separately
NMH1D	N-Methylhistamine, 24 Hr, U			Yes	No
CRT24	Creatinine, 24 HR, U			Yes	No

CPT Code Information:

82542

Reference Values:**N-METHYLHISTAMINE**

0-5 years: 120-510 mcg/g creatinine

6-16 years: 70-330 mcg/g creatinine

>16 years: 30-200 mcg/g creatinine

CREATININE

Males: 930-2955 mg/24 hours

Females: 603-1783 mg/24 hours

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

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