

Reporting Title: Metanephridines, Fract., Random, U

Performing Location: Rochester

Specimen Requirements:

Patient Preparation: Patient should refrain from cold medicines, nose drops, and nasal sprays for at least 48 hours prior to test. Tricyclic antidepressants and labetalol and sotalol (beta blockers) may elevate levels of metanephridines. If clinically feasible, these medications should be discontinued at least 1 week before collection.

Supplies: Urine Tubes, 10 mL (T068)

Collection Container/Tube: Clean, plastic urine collection container

Submission Container/Tube: Plastic, 10 mL urine tube

Specimen Volume: 10 mL

Collection Instructions:

- 1. Collect a random urine specimen.
- 2. No preservative.

Forms:

If not ordering electronically, complete, print, and send a [Oncology Test Request](#) (T729) with the specimen.

Specimen Type	Temperature	Time	Special Container
Urine	Refrigerated (preferred)	28 days	
	Frozen	28 days	
	Ambient	14 days	

Result Codes:

Result ID	Reporting Name	Type	Unit	LOINC®
21546	Metanephridine/Creatinine	Alphanumeric	mcg/g Cr	9645-3
21547	Normetanephridine/Creatinine	Alphanumeric	mcg/g Cr	13783-6
21548	Total Metanephridine/Creatinine	Alphanumeric	mcg/g Cr	13771-1
CRETR	Creatinine, Random, U	Numeric	mg/dL	2161-8

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
METAU	Metanephridines, Fractionated, U	1	83835	Yes	No
CRETR	Creatinine, Random, U	1	82570	Yes	Yes, (Order RCTUR)

CPT Code Information:

83835
82570

Reference Values:

METANEPHRINE/CREATININE

Normotensives

- 0-2 years: 82-418 mcg/g creatinine
- 3-8 years: 65-332 mcg/g creatinine
- 9-12 years: 41-209 mcg/g creatinine
- 13-17 years: 30-154 mcg/g creatinine
- > or =18 years: 29-158 mcg/g creatinine

NORMMETANEPHRINE/CREATININE

Males

Normotensives

- 0-2 years: 121-946 mcg/g creatinine
- 3-8 years: 92-718 mcg/g creatinine
- 9-12 years: 53-413 mcg/g creatinine
- 13-17 years: 37-286 mcg/g creatinine
- 18-29 years: 53-190 mcg/g creatinine
- 30-39 years: 60-216 mcg/g creatinine
- 40-49 years: 69-247 mcg/g creatinine
- 50-59 years: 78-282 mcg/g creatinine
- 60-69 years: 89-322 mcg/g creatinine
- > or =70 years: 102-367 mcg/g creatinine

Females

Normotensives

- 0-2 years: 121-946 mcg/g creatinine
- 3-8 years: 92-718 mcg/g creatinine
- 9-12 years: 53-413 mcg/g creatinine
- 13-17 years: 37-286 mcg/g creatinine
- 18-29 years: 81-330 mcg/g creatinine
- 30-39 years: 93-379 mcg/g creatinine
- 40-49 years: 107-436 mcg/g creatinine
- 50-59 years: 122-500 mcg/g creatinine
- 60-69 years: 141-574 mcg/g creatinine
- > or =70 years: 161-659 mcg/g creatinine

TOTAL METANEPHRINE/CREATININE

Males

Normotensives

- 0-2 years: 241-1,272 mcg/g creatinine
- 3-8 years: 186-980 mcg/g creatinine
- 9-12 years: 110-582 mcg/g creatinine

13-17 years: 78-412 mcg/g creatinine
18-29 years: 96-286 mcg/g creatinine
30-39 years: 106-316 mcg/g creatinine
40-49 years: 117-349 mcg/g creatinine
50-59 years: 130-386 mcg/g creatinine
60-69 years: 143-427 mcg/g creatinine
> or =70 years: 159-472 mcg/g creatinine

Females

Normotensives

0-2 years: 241-1,272 mcg/g creatinine
3-8 years: 186-980 mcg/g creatinine
9-12 years: 110-582 mcg/g creatinine
13-17 years: 78-412 mcg/g creatinine
18-29 years: 131-467 mcg/g creatinine
30-39 years: 147-523 mcg/g creatinine
40-49 years: 164-585 mcg/g creatinine
50-59 years: 184-655 mcg/g creatinine
60-69 years: 206-733 mcg/g creatinine
> or =70 years: 230-821 mcg/g creatinine