

Reporting Title: Manganese/Creat Ratio, Random, U

Performing Location: Rochester

Specimen Requirements:

**Patient Preparation:** High concentrations of gadolinium and iodine are known to interfere with most metal tests. If either gadolinium- or iodine-containing contrast media has been administered, a specimen **should not** be collected for 96 hours.

**Supplies:** Urine Tubes, 10 mL (T068)

**Collection Container/Tube:** Clean, plastic urine collection container with no metal cap or glued insert

**Submission Container/Tube:** Plastic, 10-mL urine tube or clean, plastic aliquot container with no metal cap or glued insert

**Specimen Volume:** 3 mL

Collection Instructions:

1. Collect a random urine specimen.
2. See [Metals Analysis Specimen Collection and Transport](#) for complete instructions.

Specimen Type	Temperature	Time	Special Container
Urine	Refrigerated (preferred)	28 days	
	Frozen	28 days	
	Ambient	7 days	

Result Codes:

Result ID	Reporting Name	Type	Unit	LOINC®
CRETR	Creatinine, Random, U	Numeric	mg/dL	2161-8
614994	Manganese/Creat Ratio, U	Numeric	mcg/g Cr	27367-2

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
MNCU	Manganese/Creat Ratio, U	1	83785	Yes	No
CRETR	Creatinine, Random, U	1	82570	Yes	No

CPT Code Information:

82570

83785

Reference Values:

MANGANESE

0-17 years: Not established  
> or =18 years: <4.0 mcg/g creatinine

CREATININE

> or =18 years old: 16-326 mg/dL  
Reference values have not been established for patients who are younger than 18 years of age.