

Reporting Title: Magnesium/Creat Ratio, Random, U

Performing Location: Rochester

Specimen Requirements:

- Supplies: Sarstedt Aliquot Tube 5 mL (T914)
- Collection Container/Tube: Plastic urine container
- Submission Container/Tube: Plastic, 5-mL tube or a clean, plastic aliquot container with no metal cap or glued insert
- Specimen Volume: 4 mL
- Collection Instructions:
1. Collect a random urine specimen.

2. No preservative.

Forms:

If not ordering electronically, complete, print, and send a [Renal Diagnostics Test Request](#) (T830) with the specimen.

Specimen Type	Temperature	Time	Special Container
Urine	Refrigerated (preferred)	14 days	
	Frozen	30 days	
	Ambient	72 hours	

Result Codes:

Result ID	Reporting Name	Type	Unit	LOINC®
CRETR	Creatinine, Random, U	Numeric	mg/dL	2161-8
MGCO	Magnesium, Random, U	Numeric	mg/dL	19124-7
MCTR1	Magnesium/Creat Ratio, Random, U	Numeric	mg/mg	13474-2

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
MCTR1	Magnesium/Creat Ratio, Random, U			Yes	No
MGCO	Magnesium, Random, U	1	83735	Yes	No
CRETR	Creatinine, Random, U	1	82570	Yes	No

CPT Code Information:

83735

82570

Reference Values:

- 1 month-<12 months: 0.10-0.48 mg/mg creat
 - 12 months-<24 months: 0.09-0.37 mg/mg creat
 - 24 months-<3 years: 0.07-0.34 mg/mg creat
 - 3 years-<5 years: 0.07-0.29 mg/mg creat
 - 5 years-<7 years: 0.06-0.21 mg/mg creat
 - 7 years-<10 years: 0.05-0.18 mg/mg creat
 - 10 years-<14 years: 0.05-0.15 mg/mg creat
 - 14 years-<18 years: 0.05-0.13 mg/mg creat
 - 18 years-83 years: 0.04-0.12 mg/mg creat
- Reference values have not been established for patients who are younger than 1 month.
- Reference values have not been established for patients who are older than 83 years.