

**Reporting Title:** Cadmium Occupat Exp, Random, U  
**Performing Location:** Mayo Clinic Laboratories - Rochester Superior Drive

**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 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 urine 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	
	Ambient	14 days	
	Frozen	28 days	

**Result Codes:**

Result ID	Reporting Name	Type	Unit	LOINC®
CRETR	Creatinine, Random, U	Numeric	mg/dL	2161-8
608892	Cadmium Occupational Exposure	Numeric	mcg/g Cr	13471-8

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
CDOU	Cadmium Occupational Exposure	1	82300	Yes	No
CRETR	Creatinine, Random, U	1	82570	Yes	No

**CPT Code Information:**

82300  
82570

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**Reference Values:**

CADMIUM/CREATININE:

Biological Exposure Indices (BEI): &lt;5.0 mcg/g creatinine

CREATININE:

&gt; or =18 years: 16-326 mg/dL

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