

Reporting Title: Cobalt Occupat Exp, Random, U  
Performing Location: Rochester

Ordering Guidance:  
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.

Specimen Requirements:  
Supplies: Urine Tubes, 10 mL (T068)  
Collection Container/Tube: Clean, plastic urine collection container  
Submission Container/Tube: Plastic 10 mL urine tube or a clean, plastic aliquot container with no metal cap or glued insert  
Specimen Volume: 3 mL  
Collection Instructions:  
1. At the end of the work week, collect a random urine specimen at the end of the employee's work shift.  
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	14 days	

Result Codes:

Result ID	Reporting Name	Type	Unit	LOINC®
CRETR	Creatinine, Random, U	Numeric	mg/dL	2161-8
607763	Cobalt Occupational Exposure	Numeric	mcg/g Cr	13468-4
608389	Cobalt Concentration	Numeric	mcg/L	5628-3

LOINC® and CPT codes are provided by the performing laboratory.

Supplemental Report:  
No

Components:

Test Id	Reporting Name	CPT Units	CPT Code	Always Performed	Available Separately
CRETR	Creatinine, Random, U	1	82570	Yes	No
COUOE	Cobalt Occupational Exposure, U	1	83018	Yes	No

CPT Code Information:  
83018  
82570

**Reference Values:****COBALT:**

0-17 years: Not established

> or =18 years: The American Conference of Governmental Industrial Hygienists Biological Exposure Index for cobalt in urine is an end-of-shift concentration above 14.9 mcg/L at the end of the work week.

**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.