MAYO CLINIC LABORATORIES

Test Definition: COUO

Cobalt Occupational Exposure, Random, Urine

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 Minimum Volume:

2 mL

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®
607763	Cobalt Occupational Exposure	Numeric	mcg/g Cr	13468-4
608389	Cobalt Concentration	Numeric	mcg/L	5628-3
CRETR	Creatinine, Random, U	Numeric	mg/dL	2161-8

LOINC and CPT codes are provided by the performing laboratory.

Supplemental Report:

No

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Cobalt Occupational Exposure, Random, Urine

Components:

Test ID	Reporting Name	CPT Units	CPT Code	Always Performed	Orderable Separately
COUOE	Cobalt Occupational Exposure, U			Yes	No
CRETR	Creatinine, Random, U			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 above14.9 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.