

Reporting Title: Iodine/Creat Ratio, Random, U

Performing Location: Rochester

Ordering Guidance:

Due to the significant variation in the rate of secretion over the course of a day, a 24-hour collection is preferred. For more information see UIOD / Iodine, 24 Hour, Urine.

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, wait a minimum of 96 hours before starting collection.

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. 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)	30 days	
	Frozen	30 days	
	Ambient	14 days	

Result Codes:

Result ID	Reporting Name	Type	Unit	LOINC®
CRETR	Creatinine, Random, U	Numeric	mg/dL	2161-8
610709	Iodine/Creat Ratio, U	Numeric	mcg/g Cr	55928-6
614424	Iodine Concentration Interpretation	Alphanumeric		77202-0
614370	Iodine Concentration	Numeric	mcg/L	2495-0

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
IODC	Iodine/Creat Ratio, U	1	83789	Yes	No
CRETR	Creatinine, Random, U	1	82570	Yes	No

CPT Code Information:

83789
82570

Reference Values:

0-17 years: Not established
> or =18 years: <584 mcg/g creatinine