

Reporting Title: Nickel/Creat Ratio, Random, U

Performing Location: Rochester

Ordering Guidance:

This test is preferred for the determination of nickel exposure, but serum concentrations can be used to verify an elevated urine concentration. For more information see NIS / Nickel, Serum.

Specimen Requirements:

Patient Preparation: High concentrations of gadolinium and iodine are known to interfere with most metal tests. If gadolinium- or iodine-containing contrast media has been administered, a specimen should not be collected for 96 hours.

Supplies: Urine Tubes, 10 mL (T068)

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 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	
	Frozen	28 days	
	Ambient	14 days	

Result Codes:

Result ID	Reporting Name	Type	Unit	LOINC®
CRETR	Creatinine, Random, U	Numeric	mg/dL	2161-8
614553	Nickel/Creat Ratio, U	Numeric	mcg/g Cr	13472-6

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
NIUC	Nickel/Creat Ratio, U			Yes	No
CRETR	Creatinine, Random, U	1	82570	Yes	No

CPT Code Information:

83885

82570

Reference Values:**NICKEL:**

0-17 years: Not established

Males > or =18 years: <3.8 mcg/g creatinine

Females > or =18 years: <4.3 mcg/g creatinine

CREATININE:

> or =18 years old: 16-326 mg/dL

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