

Reporting Title: Thiosulfate, Urine  
Performing Location: NMS Labs

Specimen Requirements:  
\*\*\*Must submit one specimen per order. Specimens cannot be shared between multiple orders.\*\*\*

Specimen Type: Urine  
Container/Tube: Plastic preservative-free urine container  
Specimen Volume: 4 mL

Collection Instructions: Collect 4 mL random urine without preservative. Send specimen refrigerated in a plastic (preservative-free) urine container.

Specimen Type	Temperature	Time	Special Container
Urine	Refrigerated (preferred)	30 days	
	Frozen	14 days	

Result Codes:

Result ID	Reporting Name	Type	Unit	LOINC®
Z3539	Creatinine	Alphanumeric		2161-8
Z3540	Thiosulfate	Alphanumeric		12420-6
Z3541	Thiosulfate (Creatinine corrected)	Alphanumeric		32274-3

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

Supplemental Report:  
No

CPT Code Information:  
82542  
82570  
81002 (if appropriate)

Reflex Tests:

Test Id	Reporting Name	CPT Units	CPT Code	Always Performed	Available Separately
FSGCU	Specific Gravity Confirmation, U			No	No

Result Codes for Reflex Tests:

Test ID	Result ID	Reporting Name	Type	Unit	LOINC®
FSGCU	Z5228	Specific Gravity	Alphanumeric		5810-7

Reference Values:

Reporting limit determined each analysis

**Creatinine (mg/L)**

U.S. Population (10<sup>th</sup> - 90<sup>th</sup> percentiles, median)  
All participants:  
    335 - 2370 mg/L, median: 1180 (n=22,245)  
Males:  
    495 - 2540 mg/L, median: 1370 (n=10,610)  
Females:  
    273 - 2170 mg/L, median 994 (n=11,635)

**Thiosulfate (mcg/mL)**

Generally less than 9.2 mcg/mL (based on a median creatinine concentration of 1.18 g/L)

**Thiosulfate (Creatinine corrected) (mg/g Creat)**

Generally less than 7.8 mg/g creatinine