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**Reporting Title:** Thallium, 24 Hr, U**Performing Location:** Rochester**Necessary Information:**

24-Hour volume (in milliliters) is required.

**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, a specimen should not be collected for 96 hours.

Supplies: Urine Tubes, 10 mL (T068)

Collection Container/Tube: Clean, plastic urine container with no metal cap or glued insert

Submission Container/Tube: Plastic, 10-mL urine tube or a clean, plastic aliquot container with no metal cap or glued insert

Specimen Volume: 10 mL

Collection Instructions:

1. Collect urine for 24 hours.
  2. Refrigerate specimen within 4 hours of completion of 24-hour collection.
  3. Aliquot 10 mL into a plastic 10-mL urine tube (T068) or a clean, plastic aliquot container with no metal cap or glued insert.
  4. See Metals Analysis Specimen Collection and Transport for complete instructions.
- Additional Information: See Urine Preservatives-Collection and Transportation for 24-Hour Urine Specimens for multiple collections.

**Specimen Minimum Volume:**

0.3 mL

**Urine Preservative Collection Options:**

Note: The addition of preservative or application of temperature controls must occur within 4 hours of completion of the collection.

Ambient (Plain) OK

Refrigerate (Plain) Preferred

Frozen (Plain) OK

50% Acetic Acid OK

Boric Acid No

Diazolidinyl Urea No

6M Hydrochloric Acid OK

6M Nitric Acid OK

Sodium Carbonate No

Thymol No

Toluene No

Specimen Type	Temperature	Time	Special Container
Urine	Refrigerated (preferred)	28 days	
	Ambient	28 days	
	Frozen	28 days	

**Ask at Order Entry (AOE) Questions:**

Test ID	Question ID	Description	Type	Reportable
TLU	TIME2	Collection Duration	Plain Text	Yes
TLU	VL12	Urine Volume	Plain Text	Yes

**Result Codes:**

Result ID	Reporting Name	Type	Unit	LOINC®
8603	Thallium, 24 Hr, U	Numeric	mcg/24 h	5746-3
TIME2	Collection Duration	Alphanumeric		13362-9
VL12	Urine Volume	Alphanumeric		3167-4

LOINC and CPT codes are provided by the performing laboratory.

**Supplemental Report:**

No

**CPT Code Information:**

83018

**Reference Values:**

0-17 years: Not established

> or =18 years: <2 mcg/24 hours