

Reporting Title: Iodine, 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 gadolinium- or iodine-containing contrast media has been administered, wait a minimum of 96 hours before starting collection.
- If this test is used in conjunction with the (131)I uptake test, then specimen collection should begin immediately after the dose of (131)I is given (ie, the patient should void and discard urine just prior to the (131)I dose, and all subsequent urine should be collected for the next 24 hours). The last void should be included in the collection.

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: 10 mL

Collection Instructions:

- Collect urine for 24 hours.
- Refrigerate specimen within 4 hours of completion of 24-hour collection.
- See [Trace 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.

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	No
6M Nitric Acid	No
Sodium Carbonate	No
Thymol	No
Toluene	No

Specimen Type	Temperature	Time	Special Container
Urine	Refrigerated (preferred)	146 days	
	Ambient	146 days	
	Frozen	146 days	

Ask at Order Entry (AOE) Questions:

Test ID	Question ID	Description	Type	Reportable
UIOD	TIME5	Collection Duration	Plain Text	Yes
UIOD	VL23	Urine Volume	Plain Text	Yes

Result Codes:

Result ID	Reporting Name	Type	Unit	LOINC®
9549	Iodine, 24 Hr, U	Numeric	mcg/24 h	2492-7
TIME5	Collection Duration	Alphanumeric		13362-9
VL23	Urine Volume	Alphanumeric		3167-4
614369	Iodine Concentration	Numeric	mcg/L	26842-5
614423	Iodine Concentration Interpretation	Alphanumeric		77202-0

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

Supplemental Report:

No

CPT Code Information:

83789

Reference Values:

0-17 years: Not established

> or =18 years: 75-851 mcg/24 hour