## Lab Dept: Urine/Stool

## Test Name: URIC ACID, 24 HOUR URINE

## **General Information**

Lab Order Codes:	UUAQ
Synonyms:	Uric Acid, Urine, Timed
CPT Codes:	84560 – Uric acid, other source 81050 – Volume measurement for timed specimen
Test Includes:	Urine uric acid concentrations in mg/dL and mg/24h.
Logistics	
Test Indications:	<ul> <li>Elevated uric acid levels suggest that the body is not properly metabolizing the breakdown of purines. The practitioner will need to investigate the over-production of uric acid or whether the patient is unable to clear the uric acid due to kidney malfunction. Quantitation of urinary uric acid excretion is an aid in selecting treatment for asymptomatic hyperuricemia.</li> <li>Assessment and management of patients with kidney stones, particularly uric acid stones.</li> </ul>
Lab Testing Sections:	Chemistry - Sendouts
Referred to:	Mayo Clinic Laboratories (Mayo test: URCU)
Phone Numbers:	MIN Lab: 612-813-6280
	STP Lab: 651-220-6550
Test Availability:	Daily, 24 hours
Turnaround Time:	1-2 days
Special Instructions:	Submit an entire 24-hour urine collection. No preservative. Refrigerate specimen during and after collection.
	<b>Note:</b> Starting and ending times of collection are required for a timed urine collection and must be documented electronically or on the proper request form.
Specimen	
Specimen Type:	Urine, 24 hour collection Note: A 24 hour collection is required.

Container:	Plastic leakproof container (No preservative). Urine GUARD® collection container is preferred for a timed urine sample.
Draw Volume:	Submit an entire 24-hour urine collection
Processed Volume:	5 mL (Minimum: 1 mL) urine from a well-mixed 24 hour collection
Collection:	For timed urine collections, empty the bladder, discard the voided sample, and note the start time. Collect all urine voided for the specified time period. At the end of the period, note the finishing time, add the last voided sample to the container by emptying the bladder. Bring the refrigerated container to the lab. Make sure all specimens submitted to the laboratory are properly labeled with the patient's name, medical record number and date of birth.
Special Processing:	Lab Staff: Measure total volume of specimen submitted and record during specimen decant. <b>Order code PVSO</b> to record the Urine Volume and Collection Duration as 24. Store and ship refrigerated.
Patient Preparation:	None
Sample Rejection:	Mislabeled or unlabeled specimens; collections <24 hours
Sample Rejection: Interpretive	Mislabeled or unlabeled specimens; collections <24 hours
	Mislabeled or unlabeled specimens; collections <24 hours ≥16 years: Diet-dependent: <750 mg/24 hours
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