
Lab Dept: Urine/Stool

Test Name: URIC ACID, URINE

General Information

Lab Order Codes: UUA

Synonyms: N/A

CPT Codes: 84560 – Uric acid; other source

Test Includes: Urine uric acid concentration in mg/dL

Logistics

Test Indications: 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.

Lab Testing Sections: Chemistry

Phone Numbers: MIN Lab: 612-813-6280

STP Lab: 651-220-6550

Test Availability: Daily, 24 hours

Turnaround Time: 1 day

Special Instructions: N/A

Specimen

Specimen Type: Urine, random collection

Container: Plastic leakproof container (No preservatives)

Draw Volume: 1 - 3 mL from a random urine collection

Processed Volume: Minimum: 0.5 mL urine

Collection:	A random urine sample may be obtained by voiding into a urine cup and is often performed at the laboratory. 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:	N/A
Patient Preparation:	None
Sample Rejection:	Mislabeled or unlabeled specimens

Interpretive

Reference Range:	No reference ranges established for random urine samples
Critical Values:	N/A
Limitations:	N/A
Methodology:	Uricase
References:	<p>URCA Flex® reagent cartridge insert sheet, Siemens Healthcare Diagnostics Inc, 2009-04-01 K PN 717077.001 - US</p> <p>Jacobs & DeMott Laboratory Test Handbook (2001) Lexi-Comp, Inc, Hudson, OH, 5th Edition</p> <p>Tietz Textbook of Clinical Chemistry (1999) 3rd Edition, W.B. Saunders Company, pp. 50-51, 1245-1250</p> <p>Biorad Liquichek□ Unassayed Chemistry Control (Human) product insert, Irvine, CA</p> <p>Biorad Liquichek□ Urine Chemistry Control Product insert, Bio-Rad Laboratories, Irvine, CA 92618</p> <p>Curesearch, Children's Oncology Group, ANHL01P1 protocol for Rasburicase</p>