
Lab Dept: Urine/Stool

Test Name: UREA NITROGEN, RANDOM URINE

General Information

Lab Order Codes: UUNR

Synonyms: BUN, Random Urine

CPT Codes: 84540 – Urea nitrogen; urine

Test Includes: Urea nitrogen concentration in mg/dL

Logistics

Test Indications: The urea nitrogen level, along with creatinine, is used to evaluate kidney function, and used to monitor patients with kidney failure or those receiving dialysis therapy.

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: 350 - 1000 mg/dL

Critical Values: N/A

Limitations: N/A

Methodology: Urease/Glutamate Dehydrogenase, Enzymatic

References: BUN Flex™ reagent cartridge insert sheet, Siemens Healthcare Diagnostics Inc, 2008-03-04 L 717021.001 - US

Clinical Significance, Siemens Healthcare Diagnostics Inc, Newark, Delaware 19714

Jacobs & DeMott Laboratory Test Handbook (2001) Lexi-Comp, Inc, Hudson, OH, 5th Edition

Biorad Liquichek Unassayed Chemistry Control Product Insert (10/2005) Bio-Rad Laboratories, Irvine, CA 92618

Biorad Liquichek Urine Chemistry Control Product Insert (6/2005) Bio-Rad Laboratories, Irvine, CA 92618