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**Lab Dept:** Urine/Stool

**Test Name:** SODIUM, URINE

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***General Information***

**Lab Order Codes:** UNAR

**Synonyms:** Na, Random Urine

**CPT Codes:** 84300 – Sodium; urine

**Test Includes:** Urine sodium concentration in mEq/L

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***Logistics***

**Test Indications:** Urine sodium levels are typically tested in patients with high blood pressure and high blood sodium levels. It is often evaluated in persons with abnormal kidney test values to help the practitioner determine the cause of kidney damage by monitoring electrolyte balance.

**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

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***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

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### ***Interpretive***

**Reference Range:** No reference ranges established for random urine samples

**Critical Values:** N/A

**Limitations:** N/A

**Methodology:** Ion Selective Electrode – Integrated Chip Technology

**References:** Tietz (1999) Clinical Guide to Laboratory Tests, 3<sup>rd</sup> ed, Philadelphia, WB Saunders Company, p 1057-1058

Bio-Rad Liquichek Urine Chemistry Control Product Insert, Bio-Rad Laboratories, Irvine, CA, 92618

Alinity ICT Urine Calibrator Package Insert, Abbott Laboratories Diagnostics Division, Abbott Park, IL 60064, USA. January 2018

Alinity ICT Sample Diluent (ICTD5) Package Insert, Abbott Laboratories Diagnostics Division, Abbott Park, IL 60064, USA. January 2018

Clinical Significance, Dade Behring Inc., Glasgow Business Community, Mailbox 531, P.O. Box 6101, Newark, Delaware 19714

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

**Updates:** 11/25/2020: Updated for method Abbott Alinity