

---

**Lab Dept:** Urine/Stool

**Test Name:** SODIUM, TIMED URINE

---

***General Information***

**Lab Order Codes:** UNAQ

**Synonyms:** Na, Urine; Quantitative; Sodium, 24 hour urine

**CPT Codes:** 84300 – Sodium; urine  
81050 – Volume measurement for timed collection

**Test Includes:** Urine sodium concentrations in mEq/L and mEq/collection

---

***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:** Submit an entire 24-hour urine collection. No preservative. Refrigerate specimen during and after collection.

**Note:** 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, timed collection

**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

<b>Processed Volume:</b>	Minimum: 0.5 mL urine
<b>Collection:</b>	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.
<b>Special Processing:</b>	Lab Staff: Measure total volume of specimen submitted and record by ordering PV (Period and Volume) in the LIS. Pour off an aliquot and centrifuge specimen before analysis. (Note: Turbid specimens should be brought to room temp and mixed well before an aliquot is taken).
<b>Patient Preparation:</b>	None
<b>Sample Rejection:</b>	Mislabeled and unlabeled specimens

---

### ***Interpretive***

<b>Reference Range:</b>	40 - 220 mEq/collection  <b>Note:</b> The reference value is for a 24 hour collection. Specimens collected for other than 24 hours have no reference ranges established.
<b>Critical Values:</b>	N/A
<b>Limitations:</b>	N/A
<b>Methodology:</b>	Integrated Multisensor Technology
<b>References:</b>	QuikLYTE® Integrated Multisensor insert sheet 2009-09-10 PN 717500.003 - US, Rev. K Siemens Healthcare Diagnostics  Dimension RxL MAX Operator's Guide (05/2003)  Tietz Textbook of Clinical Chemistry (1999), 3rd Edition, W.B. Saunders Company  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
<b>Update:</b>	9/28/2017: Updated lab processing.