

---

**Lab Dept:** Urine/Stool

**Test Name:** CHLORIDE, TIMED URINE

---

***General Information***

**Lab Order Codes:** UCLQ

**Synonyms:** Quantitative Urine Chloride; Chloride, 24 Hour Urine

**CPT Codes:** 82436 – Chloride, urine  
81050 – Volume measurement for timed collection, each

**Test Includes:** Chloride concentration measured in mEq/L and mEq/collection

---

***Logistics***

**Test Indications:** Chloride is the major extracellular anion which is filtered from the plasma by the kidney glomeruli and is passively reabsorbed in the proximal tubules. Useful in the evaluation of kidney function.

**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 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

**Processed Volume:** Minimum: 0.5 mL urine

**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:** N/A

**Patient Preparation:** None

**Sample Rejection:** Unlabeled or mislabeled specimen

---

***Interpretive***

<b>Reference Range:</b>	<b>Infants:</b>	2 – 10 mEq/collection
	<b>Children:</b>	15 – 40 mEq/collection
	<b>Adults:</b>	111 – 250 mEq/collection
<b>Note:</b> The reference values are for a 24 hours collection. Specimens collected for other than a 24 hour period have no reference values.		

**Critical Values:** N/A

**Limitations:** N/A

**Methodology:** Integrated Multisensor Technology

**References:** QuikLYTE® Integrated Multisensor insert sheet (2009-09-10) Siemens Healthcare Diagnostics Rev. K PN 717500.003 - US

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