Lab Dept:	Urine/Stool
Test Name:	CALCIUM, URINE

General Information

Lab Order Codes:	UCAL
Synonyms:	Ca, Urine
CPT Codes:	82340 – Calcium; urine quantitative
Test Includes:	Urine calcium concentration in mg/dL

Logistics

Test Indications:	The amount of calcium excreted into the urine is a measure of renal function, intestinal absorption, skeletal resorption, renal filtration, and dietary intake.
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:	2 – 4 mL from a random urine collection
Processed Volume:	Minimum: 1 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:	Lab Staff: Centrifuge urine prior to analysis.
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:	Arsenzao III
References:	Alinity Calcium Pkg Insert, Abbott Laboratories Diagnostics Division, Abbott Park, IL 60064, February 2019
	CALIPER pediatric reference range database (2019) Retrieved October 3, 2019. https://caliper.research.sckkids.ca/#/
	Jacobs & DeMott Laboratory Test Handbook (2001) Lexi-Comp, Inc, Hudson, OH, 5th Edition
	Biorad Liquichek Unassayed Chemistry Control Product Insert, Bio-Rad Laboratories, Irvine, CA
	Biorad Multiqual Assayed Chemistry Control Product Insert, Bio-Rad Laboratories, Irvine, CA
	Biorad Liquichek Urine Chemistry Control Product Insert, Bio-Rad Laboratories, Irvine, CA
Updates:	9/16/2014: Updated references. 9/27/2017: Updated lab processing. 11/9/2020: Retired method VISTA, updated for Alinity.