
Lab Dept: Urine/Stool

Test Name: PHOSPHORUS, TIMED URINE

General Information

Lab Order Codes: UPQ

Synonyms: PO4 Quantitative Urine, P, Urine; Phosphate, Urine; Phosphorus, 24 hour urine

CPT Codes: 84105 – Phosphorus inorganic (phosphate)
81050 – Volume measurement for timed collection

Test Includes: Urine phosphorus concentrations in mg/dL and mg/collection

Logistics

Test Indications: Useful in the follow-up of abnormal calcium values, kidney disease and uncontrolled diabetes.

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

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:	Lab Staff: Acidify the urine aliquot before analysis to a pH of 1-2 with 6N HCL.
Patient Preparation:	None
Sample Rejection:	Mislabeled or unlabeled specimens

Interpretive

Reference Range:	500 - 1500 mg/collection Note: The reference values are for 24 hour collections. Specimens collected for other than a 24 hour time period have no reference values established.
Critical Values:	N/A
Limitations:	N/A
Methodology:	Phosphomolybdate
References:	PHOS Flex® reagent cartridge insert sheet Siemens Healthcare Diagnostics, Inc. 2008-03-27 717061.001 – US, Rev L Jacobs & DeMott Laboratory Test Handbook (2001) Lexi-Comp, Inc, Hudson, OH, 5th Edition Biorad Liquichek Unassayed Multiqual Control Product Insert, Bio-Rad Laboratories, Irvine, CA 92618 Biorad Liquichek Urine Chemistry Control Product Insert, Bio-Rad Laboratories, Irvine, CA 92618