
Lab Dept: Urine/Stool

Test Name: PHOSPHORUS, URINE

General Information

Lab Order Codes: UPO4

Synonyms: PO4, Urine Random; Phosphate, Urine Random; P, Urine Random

CPT Codes: 84105 – Phosphorus inorganic (phosphate); urine

Test Includes: Urine phosphorus concentration in mg/dL

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: N/A

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:	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:	No reference ranges established for random urine samples
Critical Values:	N/A
Limitations:	N/A
Methodology:	Phosphomolybdate
References:	Jacobs & DeMott Laboratory Test Handbook (2001) Lexi-Comp, Inc, Hudson, OH, 5th Edition Architect Phosphorous Pkg Insert, Abbott Laboratories Diagnostics Division, Abbott Park, IL 60064, USA. January 2016 Architect Multiconstituent Calibrator Package Insert, Abbott Laboratories Diagnostics Division, Abbott Park, IL, 60064, USA. August 2017 Alinity Phosphorous Pkg Insert, Abbott Laboratories Diagnostics Division, Abbott Park, IL 60064, USA. December 2017 Alinity c Multiconstituent Calibrator Package Insert, Abbott Laboratories Diagnostics Division, Abbott Park. IL, 60064, USA. December 2017 Bio-Rad Liquid Assayed Multiqual Unassayed Chemistry Control Product Insert Bio-Rad Laboratories, Irvine, CA 92618
Updates:	11/24/2020: Updated method Abbott Alinity, removed method Siemens Vista