Lab Dept:	Urine/Stool

Test Name:	PROTEIN, URINE

General Information

Lab Order Codes:	UTPR
Synonyms:	Total Protein Random Urine; TP, Random Urine
CPT Codes:	84155 – Protein; total, except refractometry
Test Includes:	Urine protein concentration in mg/dL

Logistics

Test Indications:	The kidney glomeruli behave as ultrafilters for plasma proteins. Urine total protein can be used to test the effects of treatment in diabetes, nephrotic syndrome and in disease processes where proteinuria is possible.
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. 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:	Specimen stability: Refrigerated: 3 days
Patient Preparation:	None
Sample Rejection:	Mislabeled or unlabeled specimens

Interpretive

Reference Range:	1 - 14 mg/dL
Critical Values:	N/A
Limitations:	N/A
Methodology:	Benzethonium chloride
References:	Abbott Alinity Urine/CSF Protein Reagent Instructions for Use, Abbott Laboratories Diagnostics Division, Abbott Park, IL, 60064, USA. March 2018
	Abbott Alinity Urine/CSF Protein Calibrator Instructions for Use, Abbott Laboratories Diagnostics Division, Abbott Park, IL, 60064, USA. May 2018
	Jacobs & DeMott Laboratory Test Handbook (2001) Lexi-Comp, Inc, Hudson, OH, 5th Edition
	Bio-Rad Liquichek Spinal Fluid Control Product insert, Bio-Rad Laboratories
	Bio-Rad Liquichek Urine Chemistry Control Product insert, Bio-Rad Laboratories
Updates:	7/21/2015: Updated for Vista Method 11/24/2020: Updated for method Abbott Alinity, removed method Siemens Vista