

HOTLINE: Effective February 18, 2020

New Test **3002105** **Monoclonal Protein Study, 24 hour, Urine** **U-PEP**

Methodology: Semi-Quantitative Electrophoresis/Qualitative Immunofixation Electrophoresis
Performed: Mon-Fri
Reported: 1-5 days

Specimen Required: Collect: 24-hour urine. Refrigerate during collection. Also acceptable: Random urine specimens and urine supernate.
Specimen Preparation: Transfer two 4 mL aliquots from well-mixed 24 hour collection to individual ARUP Standard Transport Tubes. (Min: 4 mL)
Storage/Transport Temperature: Refrigerated.
Remarks: **Record total volume and collection time interval on transport tube and test request form.**
Stability (collection to initiation of testing): Ambient: Unacceptable; Refrigerated: 1 week; Frozen: 1 month

Reference Interval:

Components	Reference Interval
Total Protein, Urine mg/dL	Not established
Urine 24 Hour Protein	40 - 150 mg/d
Albumin%, Urine	Not established
Alpha-1 Globulins%, Urine	Not established
Alpha-2 Globulins%, Urine	Not established
Beta Globulins%, Urine	Not established
Gamma Globulins%, Urine	Not established
Paraprotein%, Urine	Not established
Paraprotein Excretion mg/dL	Not established
IFE Interpretation	By report

Interpretive Data: Total urine protein measurement using this method characteristically underestimates urinary light chains

CPT Code(s): 84156; 84166; 86335

New York DOH Approved.

HOTLINE NOTE: Refer to the Test Mix Addendum for interface build information.