

# Protein Electrophoresis, Urine Random

**CPT Code:** 84156, 84166

**Order Code:** C2716

**Test Includes:** Urine total protein; % Albumin; % Alpha 1 globulin; % Alpha 2 globulin; % Beta globulin; % Gamma globulin; Interpretation

**ABN Requirement:** No

**Synonyms:** UPE; Bence Jones Protein Screen

**Specimen:** Random Urine or 24-Hour Urine (well-mixed)

**Volume:** 10.0 mL

**Minimum Volume:** 5.0 mL

**Container:** Urine (Yellow Top, no preservative) tube

## Collection:

1. Collect sample according to standard protocols.
2. Transfer aliquot from a clean urine cup or well-mixed urine from a 24-hour urine container into a Yellow Top tube using the vacutainer transfer device included with the Yellow Top tube.
3. Gently invert tube 5 times
4. Label sample according to standard protocols.

**Special Information:** First morning void is preferred.

**Transport:** Store urine at 2°C to 8°C after collection and ship the same day per packaging instructions provided with the Cleveland HeartLab shipping box.

## Stability:

**Ambient (15-25°C):** 2 hours

**Refrigerated (2-8°C):** 7 days

**Frozen (-20°C):** 30 days

**Deep Frozen (-70°C):** 30 days

**Causes for Rejection:** Specimens other than random urine; urine collected in acid container; improper labeling; samples not stored properly; samples older

than stability limits

**Methodology:** Electrophoresis

**Turn Around Time:** 4 to 7 days

**Reference Range:**

Age	Reference Range
All Ages	No evidence of M-Spike

**Intended Use:** The random urine protein electrophoresis test is used to evaluate individuals with renal disorders, and to screen for free monoclonal immunoglobulin light chains (Bence Jones proteins).

**Additional Information:** A trace of albumin is commonly seen in normal patients. Monoclonal free immunoglobulin light chains and/or intact immunoglobulins may be detected in individuals with multiple myeloma and other B-cell lymphoproliferative disorders.

*The CPT codes provided are based on AMA guidelines and are for informational purposes only. CPT coding is the sole responsibility of the billing party. Please direct any questions regarding coding to the payer being billed.*