

IMMUNOFIXATION  
ELECTROPHORESIS,  
24 HOUR URINE

## Orderable - PELU24

Turnaround Time: 10 days

### Alternate Name(s):

IFE  
IFEU24  
Light Chains  
Bence Jones Protein

### Specimen:

24-hour urine

### Collection Information:

#### Collection of 24-Hour Urine Sample

For 24-hour urine:

Collect urine over a 24-hour period in a sterile container with no preservative.

### Special Processing:

The minimum volume of urine required is 50 mL.

### Reference Ranges:

Interpretative analysis

### Comments:

Protein electrophoresis (PEL) is always performed first. The PEL result will determine if IFE is performed. IFE is performed when a possible monoclonal protein band that is quantifiable is detected on PEL that has not been identified previously by IFE. If the band has been identified previously by IFE and the PEL pattern has not changed significantly, the IFE will not be repeated.

IFE uses specific antisera to identify monoclonal immunoglobulins.



**Laboratory:**  
Clinical Immunology Lab




**Requisition:**  
GENERAL LABORATORY  
REQUISITION



**Method of Analysis:**  
Sebia immunofixation  
electrophoresis



**Test Schedule:**  
Monday - Friday  
0800-1600



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**Storage and Shipment:**

Store and ship urine refrigerated.