

Native Antigens

Bence Jones Protein Kappa Free Light Chain



Product Code : 00-AGN-TM-BJK-001

Bence Jones Proteins are immunoglobulin light chains that are present in urine because of decreased kidney filtration capabilities due to renal failure. It is used in the diagnosis of multiple myeloma, and also as a calibrator in various in vitro diagnostic kits. It's mainly used as a renal marker and as controls and calibrators in qualitative and quantitative turbidimetric, ELISA and CLIA, ECLIA, CMIA assays. It can be used in radial immunodiffusion, immunoelectrophoresis, western blotting, dot blot, and other similar assays. It can be used in the development of target-specific assay reagents and also used for cancer research and development. It's also used as an immunogen to raise antibodies in animals.

Specifications:

PARAMETERS

Physical Appearance

Concentration

Purity

Cross Contaminants

Form

Storage buffer

Storage temperature

Shelf life

Anti HIV-1&2 (ELISA)

Anti HCV (ELISA)

HBsAg Antigen (ELISA)

HIV Ag (PCR)

Syphilis

Source

ACCEPTANCE CRITERIA

Colourless to Pale yellow liquid

≥ 1.0 mg/ml (Immunoturbidimetry method)

≥ 98 %

≤ 1%: Lambda free light chain, IgG, IgM, IgA, Cystatin-C and Microalbumin

Liquid

Phosphate buffer saline with 0.1% NaN₃, pH 7.4 ± 0.2

2 to 8°C

1.5 years

Negative

Negative

Negative

Not Detected

Not Detected

Human renal failure patient pooled urine

For research use or further manufacturing purposes only

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