

Native Antigens

Cystatin-C

Product Code : 00-AGN-RM-CYC-001



Cystatin-C is a cysteine proteinase inhibitor produced by nucleated cells. It is a valuable marker in urine and blood for kidney function. The Cystatin-C level, generally increases upon glomerular filtration decline, thus indicating kidney function decline. It is used as positive control in the Cystatin-C test kit and can be used as calibrators and coating antigens in immunoassay based assays for IVD kit development.

Specifications:

PARAMETERS

Physical Appearance

Cystatin C Concentration

(Immunoturbidimetry)

Purity by SDS PAGE

Identity by Western Blot

Form

Storage buffer

Storage temperature

Shelf life

Anti HIV-1&2 (ELISA)

Anti HCV (ELISA)

HBsAg Antigen (ELISA)

HBV DNA (PCR)

HCV RNA (PCR)

HIV DNA (PCR)

Source of the product

ACCEPTANCE CRITERIA

Clear solution

1.0 to 2.0 mg/ml

≥ 95% (Band corresponding to Mol. wt. of 13.3 kDa)

Should react specifically with anti-cystatin C antibodies

Liquid

Tris saline with 0.09% NaN₃, pH 8.0 ± 0.2

-20°C

1 year

Negative

Negative

Negative

Not Detected

Not Detected

Not Detected

Human renal failure patient pooled urine

For research use or further manufacturing purposes only

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