

Native Antigens

Beta-2-Microglobulin (High Pure)

Product Code : 00-AGN-TM-B2M-001



Beta-2-Microglobulin (B2M) is significant for immune surveillance in animals with vertebrate. It is a component of the major histocompatibility complex (MHC I) in all nucleated cells and functions in antigen presentation to immune homeostasis. Its dysregulation is linked with multiple diseases, such as multiple myeloma, chronic kidney disorders, chronic lymphocytic leukaemia and many more. It is used as a positive control in B2M test-based kits. It is also used as a calibrator in various in vitro diagnostic kits.

Specifications:

PARAMETERS

Physical Appearance

B2M Concentration

(Immunoturbidimetry)

B2M Concentration

(OD at 280nm)

Total Protein (Biuret method)

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

Colourless to Straw yellow solution

1.2 to 4.0 mg/ml

1.2 to 4.0 mg/ml

1.2 to 5.0 mg/ml

≥ 95% Pure (Band corresponding to Mol. Wt. of 11kDa)

Should react specifically with anti-B2M antibodies

Liquid

Phosphate buffer saline with 15mM NaN₃, pH 7.2 ± 0.2

2 to 8°C

3 years

Negative

Negative

Negative

Not Detected

Not Detected

Not Detected

Human renal failure patient pooled urine

For research use or further manufacturing purposes only

CORPORATE OFFICE:

17th Floor, Hoechst House,
Nariman Point,
Mumbai - 400 021, India
Tel: +91 22 6656 0900

PLANT ADDRESS:

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EMAIL ADDRESS:

info@advychemical.com

WEBSITE:

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Native Antigens

Beta-2-Microglobulin (Semi Pure)

Product Code : 00-AGN-TM-B2M-002



Beta-2-Microglobulin (B2M) is significant for immune surveillance in animals with vertebrate. It is a component of the major histocompatibility complex (MHC I) in all nucleated cells and functions in antigen presentation to immune homeostasis. Its dysregulation is linked with multiple diseases, such as multiple myeloma, chronic kidney disorders, chronic lymphocytic leukaemia and many more. It is used as a positive control in B2M test-based kits. It is also used as a calibrator in various in vitro diagnostic kits.

Specifications:

PARAMETERS

Physical Appearance

B2M Concentration

(Immunoturbidimetry)

B2M Concentration (OD at 280nm)

Total Protein (Biuret method)

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

Colourless to Straw yellow solution

1.2 to 4.0 mg/ml

1.2 to 4.0 mg/ml

1.2 to 5.0 mg/ml

≥ 80% Pure (Band corresponding to Mol. Wt. of 11kDa)

Should react specifically with anti-B2M antibodies

Liquid

Phosphate buffer saline with 15mM NaN₃, pH 7.2 ± 0.2

2 to 8°C

3 years

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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Native Antigens

Beta-2-Microglobulin Lyophilized Antigen (HP)

Product Code : 00-AGN-TM-B2L-003



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Specifications:

PARAMETERS

Physical Appearance

B2M Concentration

(Immunoturbidimetry)

Total Protein (Biuret method)

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

White coloured powder

4.0 to 7.0 mg of B2M/100 mg of lyophilized powder

1.0 to 4.0 mg/ml

≥ 95% Pure (Band corresponding to Mol. Wt. of 11kDa)

Should react specifically with anti-B2M antibodies

Lyophilized powder

Ammonium buffer saline with 0.09% NaN₃, pH 7.2 ± 0.2

2 to 8°C

3 years

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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