

Native Antigens

Hepatitis B Surface Antigen subtype ad High Pure



Product Code : 00-AGN-VM-HBD-001

HBsAg is the surface antigen of the Hepatitis B virus (HBV). HBsAg is among the first serum markers to appear during HBV infection and its presence is indicative of the hepatitis B infection. Ad and Ay are two determinants of HBsAg. They have two subtypes W and R. It is used as a positive control in the ELISA test kit for the detection of HBV infection.

Specifications:

PARAMETERS

ACCEPTANCE CRITERIA

| | |
|----------------------------------------|-------------------------------------------------------------------------|
| Physical Appearance | Opalescent protein solution |
| HBsAg Concentration (ELISA) | 1.0 to 5.0 mg/ml |
| HBsAg Concentration (OD at 280nm) | 1.0 to 5.0 mg/ml |
| Purity by SDS PAGE | ≥ 95% Pure (Bands corresponding to Mol. Wt. of p24, gp27, p33 and gp36) |
| Subtype (ELISA) | ad |
| Form | Liquid |
| Storage buffer | Phosphate buffer saline with 15mM NaN ₃ , pH 7.4 ± 0.2 |
| Storage temperature | 2 to 8°C |
| Shelf life | 3 years |
| Anti HIV-1&2 (ELISA) | Negative |
| Anti HCV (ELISA) | Negative |
| HCV RNA (PCR) | Not Detected |
| HIV DNA (PCR) | Not Detected |
| Bioburden Load (Bulk Shipment Only) | ≤ 10 cfu/ml |
| Source | Human Hepatitis B positive plasma |

For research use or further manufacturing purposes only

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Native Antigens

Hepatitis B Surface Antigen subtype ad Ultra Pure



Product Code : 00-AGN-VM-HBD-002

HBsAg is the surface antigen of the Hepatitis B virus (HBV). HBsAg is among the first serum markers to appear during HBV infection and its presence is indicative of the hepatitis B infection. Ad and Ay are two determinants of HBsAg. They have two subtypes W and R. It is used as a positive control in the ELISA test kit for the detection of HBV infection.

Specifications:

PARAMETERS

ACCEPTANCE CRITERIA

| | |
|-----------------------------------|-------------------------------------------------------------------------|
| Physical Appearance | Opalescent protein solution |
| HBsAg Concentration (ELISA) | 1.0 to 5.0 mg/ml |
| HBsAg Concentration (OD at 280nm) | 1.0 to 5.0 mg/ml |
| Purity by SDS PAGE | ≥ 95% Pure (Bands corresponding to Mol. Wt. of p24, gp27, p33 and gp36) |
| Subtype (ELISA) | ad |
| Form | Liquid |
| Storage buffer | Phosphate buffer saline with 15mM NaN ₃ , pH 7.4 ± 0.2 |
| Storage temperature | 2 to 8°C |
| Shelf life | 3 years |
| Anti HIV-1&2 (ELISA) | Negative |
| Anti HCV (ELISA) | Negative |
| HCV RNA (PCR) | Not Detected |
| HIV DNA (PCR) | Not Detected |
| Source | Human Hepatitis B positive plasma |

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Native Antigens

Hepatitis B subtype Concentrate Ad



Product Code : 00-AGN-VM-HBD-006

HBsAg is the surface antigen of the Hepatitis B virus (HBV). HBsAg is among the first serum markers to appear during HBV infection and its presence is indicative of the hepatitis B infection. Ad and Ay are two determinants of HBsAg. They have two subtypes W and R. It is used as a positive control in the ELISA test kit for the detection of HBV infection.

Specifications:

PARAMETERS

Physical Appearance

HBsAg Concentration (ELISA)

HBsAg Concentration (OD at 280nm)

Purity by SDS PAGE

Subtype (ELISA)

Form

Storage buffer

Storage temperature

Shelf life

Anti HIV-1&2 (ELISA)

Anti HCV (ELISA)

Source

ACCEPTANCE CRITERIA

Straw colour hazy solution

≥ 25.0 mg/L

NA

NA

ad

Liquid

NA

-20°C

3 years

Negative

Negative

Human Hepatitis B positive plasma

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Native Antigens

Hepatitis B Surface Antigen subtype ad High Concentrate



Product Code : 00-AGN-VM-HBD-011

HBsAg is the surface antigen of the Hepatitis B virus (HBV). HBsAg is among the first serum markers to appear during HBV infection and its presence is indicative of the hepatitis B infection. Ad and Ay are two determinants of HBsAg. They have two subtypes W and R. It is used as a positive control in the ELISA test kit for the detection of HBV infection.

Specifications:

PARAMETERS

ACCEPTANCE CRITERIA

| | |
|-----------------------------------|-------------------------------------------------------------------------|
| Physical Appearance | Straw colour hazy solution |
| HBsAg Concentration (ELISA) | ≥ 10.0 mg/L |
| HBsAg Concentration (OD at 280nm) | ≥ 10.0 mg/L |
| Purity by SDS PAGE | ≥ 95% Pure (Bands corresponding to Mol. Wt. of p24, gp27, p33 and gp36) |
| Subtype (ELISA) | ad |
| Form | Liquid |
| Storage buffer | Phosphate buffer saline with 15mM NaN ₃ , pH 7.4 ± 0.2 |
| Storage temperature | 2 to 8°C |
| Shelf life | 3 years |
| Anti HIV-1&2 (ELISA) | Negative |
| Anti HCV (ELISA) | Negative |
| HCV RNA (PCR) | Not Detected |
| HIV DNA (PCR) | Not Detected |
| Source | Human Hepatitis B positive plasma |

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