

Datasheet for ABIN934576
HBSAg Protein (Subtype adw)



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1 Publication

Overview

Quantity:	1 mg
Target:	HBSAg (HBsAg)
Protein Characteristics:	Subtype adw
Origin:	Hepatitis B Virus (HBV)
Source:	Hepatitis B Virus (HBV)
Protein Type:	Native

Product Details

Characteristics:	Purified native Human HBsAg protein (Subtype ad) Protein Source: Human plasma
Purity:	> 95 % pure

Target Details

Target:	HBSAg (HBsAg)
Alternative Name:	HBsAg (HBsAg Products)
Target Type:	Viral Protein

Background: Hepatitis B is an infectious illness caused by hepatitis B virus (HBV) which infects the liver of hominoidea, including humans, and causes an inflammation called hepatitis. The hepatitis B surface antigen (HBsAg) is most frequently used to screen for the presence of this infection. It is the first detectable viral antigen to appear during infection. However, early in an infection, this antigen may not be present and it may be undetectable later in the infection as it is being

Target Details

cleared by the host.

Description: Human plasma.

Alternative Names: Hepatitis B Surface Ag Subtype ad protein, Hepatitis B surface Ag protein, Hepatitis B Surface Antigen protein

Application Details

Application Notes: Each Investigator should determine their own optimal working dilution for specific applications.

Restrictions: For Research Use only

Handling

Buffer: PBS, pH 7.0 with 0.1 % NaN₃.

Preservative: Sodium azide

Precaution of Use: WARNING: Reagents contain sodium azide. Sodium azide is very toxic if ingested or inhaled. Avoid contact with skin, eyes, or clothing. Wear eye or face protection when handling. If skin or eye contact occurs, wash with copious amounts of water. If ingested or inhaled, contact a physician immediately. Sodium azide yields toxic hydrazoic acid under acidic conditions. Dilute azide-containing compounds in running water before discarding to avoid accumulation of potentially explosive deposits in lead or copper plumbing.

Handling Advice: Avoid repeated freeze/thaw cycles.

Storage: 4 °C/-20 °C

Storage Comment: Store at 4 °C for short term storage. Aliquot and store at -20 °C for long term storage.

Publications

Product cited in: Pereira, Yalçın, Cretich, Chiari, Unlü, Nunes, Bergstein: "Synergetic chemiluminescence and label-free dual detection for developing a hepatitis protein array." in: **Journal of immunological methods**, Vol. 371, Issue 1-2, pp. 159-64, (2011) ([PubMed](#)).