



Recombinant HBV Surface Antigen (subtype ad) (DAGA-122)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Product Overview	Recombinant HBV surface protein Ad expressed in the E.coli Expression system.
Antigen Description	HBsAg (also known as the Australia antigen) is the surface antigen of the hepatitis B virus (HBV). It indicates current hepatitis B infection. The viral envelope of an enveloped virus has different surface proteins from the rest of the virus which act as antigens. These antigens are recognized by antibody proteins that bind specifically to one of these surface proteins.
Specificity	Strongly binds to HBV converted human serum antibodies as determined by ELISA and Western ELISA. Protein is suitable for lateral flow diagnostic assays.
Purity	> 95% as determined by SDS-PAGE
Conjugate	Unconjugated
Applications	Diagnostics; Immunization; T-Cell Activation
Molecular Weight	22kD
Format	Liquid
Concentration	Batch dependent - please inquire should you have specific requirements.
Size	1 mg
Buffer	10mM PBS buffer, pH7.4
Preservative	None
Storage	Store at 2-8°C for short term. Store at -20°C for long term. Avoid multiple freeze/thaw cycles

BACKGROUND

Keywords HBV Surface Antigen;hepatitis B Surface Antigen;HBsAg;HBV;Hepatitis B Virus;Major surface antigen
