

Hepatitis B S Recombinant Protein

Recombinant hepatitis B virus S antigen (adw2)

CATALOG # AAA77982	HOST E Coli	APPLICATIONS IA (Immunoassay)
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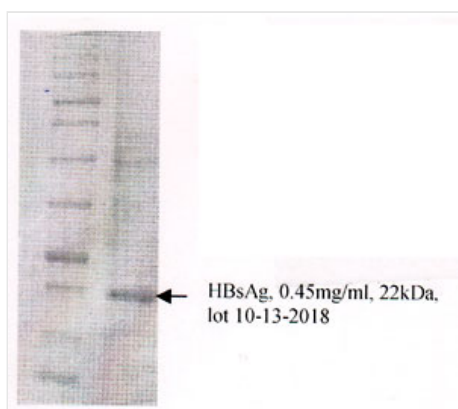
PRODUCT SYNONYMS

Hepatitis B S; Recombinant hepatitis B virus S antigen (adw2); Hepatitis B virus surface antigen (adw2); Hepatitis B S recombinant protein

PRODUCT SPECIFICATIONS

Host	E Coli
Purity/Purification	>90% pure (10% SDS-PAGE, Coomassie blue stain).
Form/Format	Purified, liquid; PBS 25mM K ₂ CO ₃
Concentration	1.2 mg/ml (varies by lot)
Applicable Applications for Hepatitis B S recombinant protein	IA (Immunoassay)
Note	Centrifuge before opening to ensure complete recovery of vial contents.
Warning	HBsAg aggregates without urea because of high percentage of hydrophobic amino acids in the sequence, to maintain the solubility without urea, the protein concentration has to be reduced to much lower concentration in the dialysis.
Preparation and Storage	Store in 4 degree C for short time only, aliquot to avoid repeated freezing and thawing, store at -20 degree C.

IMAGES



SDS-PAGE

ADDITIONAL INFORMATION

Related Product Information for Hepatitis B S recombinant protein	Hepatitis B virus surface gene encodes small (HBs_s), middle (HBs_m) and large (HBs_l) surface protein. These proteins are translated from distinct start codons, but share a common reading frame and stop codon. HBs has 226 amino acids, a major viral envelope component. HBsAg is an important parameter to establish a identification of hepatitis B disease in the clinic and to monitor antiviral treatment. Whole length HBs surface antigen of HBV subtype adw2 was expressed from E.coli containing 226 amino acids, with molecular weight about 22 kDa with a 6 x his tag linked at its C-terminal.
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For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com

Online datasheet: <https://www.aaabiotech.com/hepatitis-b-s-recombinant-protein-e-coli-ia-immunoassay/77982>