



Recombinant Hepatitis B Virus Surface Antigen (adr) (DAGC179)

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

PRODUCT INFORMATION

Species	HBV
Purity	≥98%
Applications	conjugated with colloid gold as detecting reagent,
Molecular Weight	The main band is 23KDa and 27KDa. There were no DNA and protein residues of bacteria, mycoplasma and CHO
Format	Liquid
Size	1 mg
Buffer	PBS, pH7.2
Preservative	0.1% NaN3
Storage	Store at -25°C to -5°C.

BACKGROUND

Introduction	Hepatitis B Virus (HBV) infection induces a disease state characterised by liver damage, inflammation and viral persistence. Infection also increases the risk of hepatocellular carcinoma. HBV belongs to the Hepadnaviridae family of viruses. Its genome consists of partially double stranded circular DNA. The DNA is enclosed in a nucleocapsid, or core antigen (HBcAg), which is surrounded by a spherical envelope (surface antigen or HBsAg). The core antigen shares its sequences with the e antigen (HBeAg) but no cross reactivity between the two protein has been observed. The HBV genome also encodes a DNA polymerase that also acts as a reverse transcriptase.
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Keywords

Hepatitis B Virus Surface Antigen; HBsAg; HBV
