



# Recombinant HBV Surface Antigen (full length) (subtype adr) (DAG-P2848)

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

## PRODUCT INFORMATION

<b>Product Overview</b>	Hepatitis B virus HBsAg adr full length protein
<b>Antigen Description</b>	HBsAg is the surface antigen of the Hepatitis-B-Virus (HBV). The antigenic determinant of the protein moiety of the HBsAg determines specific characteristics of different serotypes and provides the basis of immunodetection. HBsAg has antigenic heterogeneity, specifically, two pairs of sub specific determinants, d/y and w/r allow the following combinations: adw, ayw, adr, ayr.
<b>Species</b>	HBV
<b>Purity</b>	> 95 % by SDS-PAGE. Purity: Greater than 98.0% as determined by: (a) Analysis by RP-HPLC. (b) Analysis by SDS-PAGE
<b>Conjugate</b>	Unconjugated
<b>Applications</b>	ELISA
<b>Format</b>	Liquid
<b>Size</b>	1 mg
<b>Buffer</b>	10mM PO4, 140 mM Sodium Chloride, pH 6.4
<b>Preservative</b>	0.1% NaN3
<b>Storage</b>	Store at +4°C. Preservative: 0.1% Sodium azide Constituents: PBS, 0.8% Sodium chloride

## BACKGROUND

**Introduction** Hepatitis B virus, abbreviated HBV, is a species of the genus Orthohepadnavirus, which is likewise a part of the Hepadnaviridae family of viruses. This virus causes the disease hepatitis B.

**Keywords** Major surface antigen; HBV major surface antigen; HBV surface antigen; S; HBsAg adr

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