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Datasheet for ABIN7540346 HBSAg Protein-VLP

Overview

Quantity:	100 µg
Target:	HBSAg (HBsAg)
Origin:	Hepatitis B Virus (HBV)
Source:	Yeast (<i>Pichia pastoris</i>)
Protein Type:	VLP
Application:	ELISA, Western Blotting (WB), Immunoelectron Microscopy (IEM), SDS-PAGE (SDS)

Product Details

Purpose:	Recombinant small surface antigen of human Hepatitis B virus, subtype adw2
Sequence:	MENITSGFLG PLLVLQAGFF LLTRILTIPQ SLDSWWTSLN FLGGSPVCLG QNSQSPTS SNH SPTSCPPICP GYRWMCLRRF IIFLFILLLC LIFLLVLLDY QGMLPVCPLI PGSTTTSTGP CKTCTTPAQG NSMFPSCCCT KPTDGNCTCI PIPSSWAFK YLWEWASVRF SWLSLLVPFV QWFVGLSPTV WLSAIWMMWY WGPSLYSIVS PFIPLPIFF CLWVYI
Specificity:	Human Hepatitis small surface antigen, subtype adw2
Characteristics:	spherical VLP, ~ 20 nm TEM
Purification:	multi-step purification including chromatography and ultra-centrifugation
Purity:	> 95 % (SDS-PAGE)
Grade:	Animal-Free

Target Details

Target:	HBSAg (HBsAg)
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Target Details

Alternative Name: HbsAg ([HBsAg Products](#))

Molecular Weight: theor. 25.4 kDa (monomer)

Application Details

Application Notes: SDS-PAGE: 0.1 - 10 µg Western Blot: 0.1 - 2 µg ELISA: 20 - 200 ng/mL

Restrictions: For Research Use only

Handling

Format: Liquid

Concentration: Lot specific

Buffer: 8 mM sodium phosphate, 154 mM sodium chloride, pH 7

Preservative: Without preservative

Storage: 4 °C