



Anti-HBV Surface Antigen Polyclonal antibody (DPAB28646)

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

PRODUCT INFORMATION

Product Overview	Goat Anti-HBsAg Polyclonal Antibody
Specificity	This antibody reacts with all HBsAg A antigens.
Target	HBV Surface Antigen
Immunogen	Native ad/ay HBsAg antigens
Source/Host	Goat
Species Reactivity	HBV
Purification	Affinity purified
Conjugate	Unconjugated
Applications	ELISA
Format	Purified goat antibodies in PBS
Size	5 ml
Preservative	None
Storage	At -20°C for one year.

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 proteins has been observed. The HBV genome also encodes a DNA polymerase that also acts as a reverse transcriptase.

Keywords

HBV; Hepatitis B Virus; HBsAg; HBV major surface antigen; HBV surface antigen; Hepatitis B Virus major surface antigen; Major surface antigen; S; Hepatitis B Surface Antigen; Hepatitis B Virus Surface Antigen; Hepadnaviridae; Orthohepadnavirus; Mouse Anti
