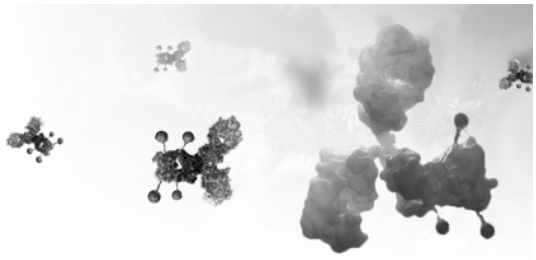

Recombinant Hepatitis B Virus E Antigen (HBeAg VLP) [His] (DAG-WT527)

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

PRODUCT INFORMATION

Purity	> 95% , as determined by SDS-PAGE
Conjugate	His
Applications	ELISA, LF
Molecular Weight	18 kDa
Format	Liquid
Concentration	Batch dependent - please inquire should you have specific requirements.
Size	1 mg
Buffer	0.01M PBS, pH7.4
Preservative	0.09% Sodium Azide
Storage	Short Term 2-8°C Long Term: -20°C

BACKGROUND

Introduction	Hepatitis B Virus (HBV) infection inducesa disease state characterised by liver damage, inflammation and viralpersistence. Infection also increases the risk of hepatocellular carcinoma.HBV belongs to the Hepadnaviridae family of viruses. Its genome consists ofpartially double stranded circular DNA. The DNA is enclosed in anucleocapsid, or core antigen (HBcAg), which is surrounded by a sphericalenvelope (surface antigen or HBsAg). The core antigen shares its sequenceswith the e antigen (HBeAg) but no cross reactivity between the two proteinshas been observed. The HBV genome also encodes a DNA polymerase that alsoacts

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as a reverse transcriptase.

Keywords Hepatitis B Virus; HBV; Envelope protein

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