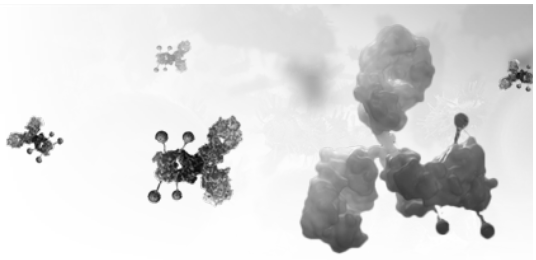

Native Hepatitis B Virus Surface Antigen (DAGC180)

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

PRODUCT INFORMATION

Species	HBV
Purity	≥90%
Conjugate	N/A
Applications	Suitable for coating in Immune colloidal gold
Molecular Weight	The main band is 23KDa and 27KDa. It has been inactivated and there is no virus DNA and protein residue.
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 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

45-1 Ramsey Road, Shirley, NY 11967, USA
Email: info@creative-diagnostics.com
Tel: 1-631-624-4882 Fax: 1-631-938-8221

	proteinshas been observed. The HBV genome also encodes a DNA polymerase that alsoacts as a reverse transcriptase.
Keywords	Hepatitis B Virus Surface Antigen; HBsAg; HBV

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