

Recombinant Hepatitis B Virus e Virus Like Particle, His tagged

Cat. No. Hbe-01VLP **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant hepatitis B Virus-e Virus Like Particle is produced in E.coli. The HBe VLP is fused to a His tag and purified by proprietary chromatographic technique.
Species	HBV
Source	E.coli
Description	Hepatitis B virus is the main cause for human liver disease, chronic infection frequently causes liver cancer and cirrhosis. The e antigen is found in the circulation, it is found during the active HBV infection, positive result indicates the risk for contagiousness, and is also used as indicator for the effectiveness of HBV treatment. Positive anti-HBeAg specifies an active stage of acute HBV infection that is in its final stages, the risk for contagiousness is dramatically reduced. HBe virus like particle is used in the competitive assay to detect HBe antibody from infected HBV patients.
Form	Sterile Filtered clear solution.
Molecular Mass	18 kDa
Purity	> 95% pure as determined by 10% PAGE (coomassie staining).
Applications	ELISA and lateral flow assay.
Storage	Store at 4 centigrade if entire vial will be used within 2-4 weeks. Store, frozen at -20

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

centigrade for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Avoid multiple freeze-thaw cycles.

Shipping	Ice Packs
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Storage Buffer	HBe VLP protein solution contains PBS and 0.05% NaN ₃ .
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GENE INFORMATION

Official Symbol	HBe VLP
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Synonyms	HBe VLP
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