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## Product Data Sheet

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Product Name: HBe VLP  
Cat. No.: GP26431  
Batch No.: 1

### Product Data

Purity	>98%	Source	Escherichia Coli.
Physical Appearance	solid	Shipping Condition	withIcePacks
Formulation	HBe VLP protein solution contains PBS and 0.05% NaN3.		

### Introduction

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.

### Stability

Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C 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.

### Background

Recombinant hepatitis B Virus-e Virus Like Particle is produced in E.coli and having a molecular mass of approximately 18kDa. The HBe VLP is fused to a His tag and purified by proprietary chromatographic technique.

**Caution: Product has not been fully validated for medical applications. For research use only.**

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