

Recombinant Hepatitis B Virus e Protein, GST-tagged

Cat. No. HBeAg-327H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Hepatitis B Virus e Antigen Protein is produced by E. coli expression system. Contains the Hbe immunodominant region. Contains GST fusion partner. Immunoreactive with HBV positive sera.
Species	HBV
Source	E.coli
Description	Hepatitis B (HBV) is a virus that infects the liver and it is predominately transmitted by exposure to infectious blood or body fluids. The virus is divided into four major serotypes (adr, adw, ayr, ayw) based on the antigenic epitopes presented on its envelope proteins, and into eight genotypes (A-H) according to the overall nucleotide sequence variation of the genome. The genotypes have a distinct geographical distribution and properties including disease severity, course and likelihood of complications, and response to treatment. Diagnostic testing and blood donor screening of HBV involves a panel of several HBV-specific markers, HBV surface antigen (HBsAg), HBV core antigen (HBcAg) and HBV “e” antigen (HBeAg).
Form	25 mM Tris-HCl, pH 8.0, 1.5 M Urea containing 5% Glycerol
Molecular Mass	43.9 kDa
Purity	> 95% pure (10% PAGE Coomassie Staining). GS-4B Sepharose-Affinity Purification
Applications	Suitable for use in ELISA and Western Blot. Each laboratory should determine an

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optimum working titer for use in its particular application. Other applications have not been tested but use in such assays should not necessarily be excluded.

Storage

Store below -20 centigrade.

Concentration

1 mg/mL (Lowry)

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