

Product datasheet for **BIN049**

Hepatitis B E Antigen / HBeAg Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Hepatitis B E Antigen / HBeAg recombinant protein, 0.1 mg
Expression Host:	E. coli
Concentration:	lot specific
Purity:	~95% by SDS-PAGE
Buffer:	Presentation State: Purified State: Liquid purified fraction Buffer System: 50 mM Sodium Phosphate, pH 6.8 with 5% Glycerol and 0.02% Sodium Azide as preservative
Preparation:	Liquid purified fraction
Applications:	ELISA and Western blot Immunoassay
Protein Description:	Hepatitis B Ag 'e' epitope Recomb. Hepatitis B Virus, 'e' Antigen, Recombinant. 17 kDa M.W., 160 a.a. portion. Contains the 10 amino acid pre-core sequence. Does not contain fusion partner.
Storage:	Upon receipt store at -20°C. Avoid multiple freeze/thaw cycles.
Stability:	Shelf life: six months from despatch.
Synonyms:	HBV External core antigen, HBV Precore protein
Summary:	Hepatitis B e-antigen (HBeAg) is a viral protein associated with HBV infections. Unlike the surface antigen, the e-antigen is found in the blood only when there are viruses also present. When the virus goes into "hiding," the e-antigen will no longer be present in the blood. HBeAg is often used as a marker of ability to spread the virus to other people (infectivity). Measurement of e-antigen may also be used to monitor the effectiveness of HBV treatment; successful treatment will usually eliminate HBeAg from the blood and lead to development of antibodies against e-antigen (anti-HBe). There are some types (strains) of HBV that do not make e-antigen; these are especially common in the Middle East and Asia. In areas where these strains of HBV are common, testing for HBeAg is not very useful.
Protein Families:	ELISA and Western blot Immunoassay



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