



Recombinant Hepatitis B E Antigen [His] (DAG467)

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

PRODUCT INFORMATION

Product Overview	Recombinant Hepatitis B 'e' Antigen immunodominant region, contains 10 precore residues at its N-terminus and 1-149 residues from the end of precore to its C-terminus, and 6-His fusion partner was expressed in E. coli, and purified in vitro using conventional chromatography techniques.
Antigen Description	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.
Purity	>95% pure (12% PAGE (Coomassie staining)). Proprietary chromatographic technique
Conjugate	His
Applications	ELISA, WB
Format	Liquid
Concentration	0.58mg/ml
Size	25 µg
Buffer	20mM Tris-HCl, 0.5M NaCl
Preservative	0.8M imidazole

Storage

2-8°C short term, -20°C long term

BACKGROUND

Keywords

hepatitis B e antigen; HBeAg; HBV; Hepatitis B Virus; Hepatitis B 'E' Antigen
