



Recombinant Hepatitis B Virus E Antigen (DAG-T2348)

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

PRODUCT INFORMATION

Product Overview	Recombinant Hepatitis B e Ag(160aa,17kD)
Species	HBV
Purity	> 90 % SDS-PAGE
Conjugate	unconjugated
Applications	Specific methodologies have not been tested using this product.
Molecular Weight	17 kDa
Format	Liquid
Concentration	1mg/ml
Size	1 mg
Buffer	20 mM PBS, 50% glycerol
Preservative	None
Storage	Store at -20°C for 3 years. Avoid multiple freeze/thaw cycles.

BACKGROUND

Introduction 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 eantigen (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.

Keywords

Hepatitis B Virus E antigen; HBeAg; HBV; Hepatitis B Virus
