

Product datasheet

Recombinant Hepatitis B Virus E Antigen protein ab91273

6 References

Description

Product name	Recombinant Hepatitis B Virus E Antigen protein
Biological activity	ab91273 is immunoreactive with sera of HBV-infected individuals. It contains the Hepatitis B Virus HBe adw immunodominant region.
Purity	> 95 % SDS-PAGE. Affinity purified.
Expression system	Escherichia coli
Accession	<u>Q17UT4</u>
Protein length	Full length protein
Animal free	No
Nature	Recombinant
Predicted molecular weight	44 kDa including tags
Amino acids	8 to 165
Tags	GST tag N-Terminus
Additional sequence information	The protein contains immunodominant region of HBV e antigen.

Specifications

Our **Abpromise guarantee** covers the use of **ab91273** in the following tested applications.

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Applications	SDS-PAGE
	Western blot
	ELISA
Form	Liquid

Preparation and Storage

Stability and Storage	Shipped at 4°C. Upon delivery aliquot and store at -20°C. Avoid repeated freeze / thaw cycles.
	pH: 8.00
	Constituents: 0.79% Tris HCl, 50% Glycerol, 0.35% Sodium chloride, 0.307% Glutathione, 0.25%

This product is an active protein and may elicit a biological response in vivo, handle with caution.

General Info

Relevance

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.

Please note: All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES"

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