
Product Data Sheet

Product Name: HBsAg ayw

Cat. No.: GP25344

Batch No.: 1

Product Data

Purity >98% Source Saccharomyces cerevisiae.

Physical Appearance solid Shipping Condition Shipped with Ice Packs.

Formulation HBsAg solution (1mg/ml) containing 7.5mM phosphate buffer pH 7.2, 75mM NaCl and 50% glycerol.

Introduction

HBsAg is the surface antigen of the Hepatitis-B-Virus (HBV). The capsid of a virus has different surface proteins from the rest of the virus. The antigen is a protein that binds specifically on one of these surface proteins. It is commonly referred to as the Australian Antigen. Recombinant HbsAg ayw full length is a 24kDa protein cloned from HBV 320 genome.

Stability

HBsAg although stable at 4°C for 1 week, should be stored below -18°C . Please prevent freeze thaw cycles.

Background

The Saccharomyces cerevisiae derived recombinant full length protein contains the HBV surface antigen, having an Mw of 18kDa (ayw) and is fused to 6 His Tag at C-terminus. HBsAg runs as a multimer on SDS-PAGE ie. Monomer, Dimer, Trimer, etc...

Caution: Product has not been fully validated for medical applications. For research use only.

Tel: (909) 407-4943 Fax: (626) 353-8530 E-mail: tech@glpbio.com

Address: 10292 Central Ave. #205, Montclair, CA, USA