
Product Data Sheet

Product Name: HBsAg adw2

Cat. No.: GP25348

Batch No.: 1

Product Data

Purity	>98%	Source	Escherichia Coli.
Physical Appearance	solid	Shipping Condition	Shipped with Ice Packs.
Formulation	Sterile filtered solution containing 50mM arginine and 1M urea.		

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.

Stability

Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Avoid multiple freeze-thaw cycles.

Background

HbsAg subtype adw2 produced in E.Coli, is a single, non-glycosylated, polypeptide chain containing 226 amino acids and having a molecular weight of approximately 23.0kDa. HBsAg adw2 migrates on SDS-PAGE as a 23kDa monomer band with minor amounts of dimer (46kDa) and trimer (69kDa) forms. The HBsAg is fused to a 6 His tag on C-terminus and purified by proprietary chromatographic techniques.

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