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Certificate of Analysis and Data Sheet

Recombinant Hepatitis B Virus Surface Antigen (HBsAg) adr subtype, CHO-expressed

Catalog No.

228-10612

Source:

CHO

Introduction

HBsAg is the surface antigen of the Hepatitis-B-Virus (HBV) S-gene. 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.

Description

Recombinant HBsAg adr produced in CHO cells, the molecular weight is approximately 23-27kDa.

Physical Appearance

Sterile Filtered clear solution.

Formulation

Sterile Filtered solution containing 20mM PB and 154mM NaCl.

Stability

HBsAg Should be stored at 4°C, DO NOT FREEZE.

Purity

Greater than 95.0% as determined by:

- (a) Analysis by RP-HPLC.
- (b) Analysis by SDS-PAGE.

Application

Was tested in ELISA with anti-HBsAg antibodies (capture and conjugate).

Immunochromatography (capture and conjugate).

Immunogen for monoclonal antibody production.

**The products are furnished for LABORATORY RESEARCH USE ONLY.
Not for diagnostic or therapeutic use.**