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Certificate of Analysis and Data Sheet

Recombinant Hepatitis B Surface Antigen Adw subtype, Saccharomyces-expressed

Catalog No.

228-10614

Source:

Saccharomyces cerevisiae.

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.

Physical Appearance

Sterile Filtered clear solution.

Formulation

Sterile Filtered solution containing 0.05M phosphate buffer & 0.2M NaCl, pH-7.2

Purity

Greater than 98.0% as determined by SDS-PAGE.

Stability

HBsAg protein Should be stored at 4°C.

Application

HBsAg protein was tested in ELISA with anti-HBsAg antibodies.

Analysis

Protein content was measured using Lowry method.

Lipid content was measured by total lipid.

Carbohydrate content was measured by Anthrone method.

Antigen content was measured by ELISA.

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Not for diagnostic or therapeutic use.**