

Recombinant Hepatitis B Surface Ag Subtype Ad Protein

Cat. No. HBsAg-323H **Lot. No.** (See product label)

SPECIFICATION

| | |
|-------------------------|---|
| Product Overview | Recombinant Hepatitis B Surface Ag Subtype Ad Protein is produced by <i>Saccharomyces cerevisiae</i> expression system. |
| Species | HBV |
| Source | <i>S.Cerevisiae</i> |
| Description | Hepatitis B (HBV) is a virus that infects the liver and it is predominately transmitted by exposure to infectious blood or body fluids. The virus is divided into four major serotypes (adr, adw, ayr, ayw) based on the antigenic epitopes presented on its envelope proteins, and into eight genotypes (A-H) according to the overall nucleotide sequence variation of the genome. The genotypes have a distinct geographical distribution and properties including disease severity, course and likelihood of complications, and response to treatment. Diagnostic testing and blood donor screening of HBV involves a panel of several HBV-specific markers, HBV surface antigen (HBsAg), HBV core antigen (HBcAg) and HBV “e” antigen (HBeAg). |
| Form | Phosphate Buffered Saline, pH 7.2 |
| Molecular Mass | 24 kDa. |
| Purity | > 95% pure (SDS-PAGE). |
| Applications | Suitable for use in ELISA and Western Blot. Each laboratory should determine an optimum working titer for use in its particular application. Other applications have not |

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been tested but use in such assays should not necessarily be excluded.

Storage

Store at 2-8 centigrade.

Concentration

4.59 mg/mL

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