

CERTIFICATE OF ANALYSIS

Important Note: Centrifuge before opening to ensure complete recovery of vial contents.

Catalog #: R86870 **Lot #:** 3K33422

Description: HBsAg (ayw) Recomb.
Recombinant Hepatitis B Surface Antigen (HBsAg), (ayw) (S Region)

Recombinant HBsAg is a 24 kDa protein. Does not contain a fusion partner.

Source: Strain-producer of yeast *Saccharomyces cerevisiae*, containing plasmid pCGA7, ayw subtype.

Format: Purified, Liquid

Purification: > 98% pure (SDS-PAGE).
Purification is conducted from broken yeast cells by the following scheme: clarification, microfiltration, ultrafiltration, adsorption chromatography, ion-exchange chromatography, ultracentrifugation and sterile filtration.
Product is sterile filtered.

Concentration: 2.02 mg/mL (Lowry)

Buffer: 0.05 M Phosphate, 0.2 M NaCl, pH 7.2.

Preservative: None

Application: Tested in ELISA with anti-HBsAg antibodies. Each laboratory should determine an optimum working titer for use in its particular application. Other applications have not been tested but use in such assays should not necessarily be excluded.

Storage: Store at 2–8°C.

Inactivation: Not Applicable

Safety Note(s): Refer to the appropriate Safety Data Sheet (SDS) for additional information.

Quality Signature:



29 Nov 2022

FOR RESEARCH OR FURTHER MANUFACTURING USE ONLY