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Certificate of Analysis and Data Sheet Recombinant Hepatitis B Surface Antigen (adw)

Catalog No.
MD-05-0079P

Source
Saccharomyces cerevisiae

Description: HBsAg (adw) Recombinant
Recombinant Hepatitis B Surface Antigen (HBsAg), (adw) (S region)

Recombinant HBsAg is a 24kDa protein containing 227 amino acids, comprising the full-length of the S-gene. Does not contain a fusion partner.

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.

Format: Purified, Liquid

Concentration: 2.68mg/ml (Lowry)

Buffer: 0.05M Phosphate, 0.2M Sodium chloride, pH 7.2

Preservative: None

Storage: Store at 2-8°C. **DO NOT FREEZE!**

Inactivation: Not applicable

Applications: Tested as solid-phase coating antigen 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.

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