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# Certificate of Analysis and Data Sheet Recombinant Hepatitis B Surface Antigen (HBsAg)(ayw)

**Catalog No.**  
MD-05-0083P

**Source**  
*Pichia pastoris*

<b>Description:</b>	HBsAg (ayw) Recombinant Recombinant Hepatitis B Surface Antigen (HBsAg), (ayw)  Contains full-length HBsAg (226 amino acids, molecular weight of 25.5 kDa).
<b>Purification:</b>	>95% pure (SDS-PAGE, Coomassie staining) Purified from broken yeast cells using clarification, microfiltration, chromatography, gel filtration, ultra filtration, and sterile filtration.
<b>Format:</b>	Purified, Liquid
<b>Concentration:</b>	1mg/ml
<b>Buffer:</b>	0.2M Phosphate, 0.03M Sodium chloride
<b>Preservative:</b>	None
<b>Storage:</b>	Store at 2–8°C, DO NOT FREEZE!
<b>Inactivation:</b>	Not applicable
<b>Applications:</b>	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 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.**