

## Recombinant Hepatitis B Virus Surface Antigen ayw

<b>Catalog No.</b>	CSI15711A	<b>Quantity:</b>	10 µg
	CSI15711B		50 µg
	CSI15711C		1.0 mg

**Description:** 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. Recombinant HbsAg ayw full length is a 24 kDa protein cloned from HBV 320 genome.

**Physical Appearance:** Sterile Filtered clear solution.

**Source:** Saccharomyces cerevisiae

**Molecular Weight:** 24 kDa

**Formulation:** Sterile filtered solution containing 50% glycerol + 7.5 mM phosphate buffer, pH 7.2 + 75 mM NaCl.

**Purity:** Greater than 90.0% as determined by SDS-PAGE.

**Storage & Stability:** Store at 2-4°C between 3-4 weeks and for future use, store desiccated below -20°C.

**Applications:** HBsAg protein was tested in ELISA with anti-HBsAg antibodies (capture and conjugate).  
Immunochromatography (capture and conjugate).  
Immunogen for monoclonal antibody production.

**NOT FOR HUMAN USE. FOR RESEARCH ONLY. NOT FOR DIAGNOSTIC OR THERAPEUTIC USE.**

