

Recombinant HBV Surface Antigen-preS1

#R00590

Size: 10 µg/100 µg/500 µg

Stability & Storage

- Use a manual defrost freezer and avoid repeated freeze-thaw cycles.
- 12 months from date of receipt, -20 to -70 °C as supplied.
 - 1 month, 2 to 8 °C under sterile conditions after reconstitution.
 - 3 months, -20 to -70 °C under sterile conditions after reconstitution.



Warning: This product is intended for scientific research only. It is not to be used for medical or diagnostic procedures in humans or animals, nor as a food, cosmetic, or household product.

AA Sequence

MGGWSSKPRQGMGTNLSVPNPLGFFPDHQLDPAFG
ANSNNPDWDFNPNKDHWP EAHQVGAGAFGPGFTP
PHGGLLGWSPQAQGILTTVPVAPPPASTNRQSGRQP
TPISPLRDSHPQA

Reconstitution

We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Reconstitute in sterile distilled water or aqueous buffer containing 0.1% BSA to a concentration of 0.1-1.0 mg/mL. Stock solutions should be apportioned into working aliquots and stored at < -20 °C. Further dilutions should be made in appropriate buffered solutions.

Product Specification

Source	Escherichia coli.
Molecular Weight	Approximately 12.6 kDa, a single non-glycosylated polypeptide chain containing 119 amino acids.
Purity	> 97% by SDS-PAGE and HPLC analyses.
Applications	1. Immunochromatography (capture and conjugate); 2. Preparing monoclonal or polyclonal antibodies for HBsAg-preS1; 3. ELISA.
Physical Appearance Formulation	Sterile Filtered White lyophilized (freeze-dried) powder. Lyophilized from a 0.2 µm filtered concentrated solution in 20 mM PB, pH 7.4, 50 mM NaCl.

Endotoxin	Less than 1 EU/µg of rHBsAg-preS1 as determined by LAL method.
-----------	--