Datasheet: PIP002

Product Details

Description: RECOMBINANT HEPATITIS B SURFACE ANTIGEN AD
Name: HEPATITIS B SURFACE ANTIGEN AD
Other names: HBsAg
Format: Rec. Protein
Product Type: Recombinant Protein
Quantity: 0.1 mg

Applications
This product has been reported to work in the following applications. This information is derived from testing within our laboratories, peer-reviewed publications or personal communications from the originators. Please refer to references indicated for further information. For general protocol recommendations, please visit www.bio-rad-antibodies.com/protocols.

<table>
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<tr>
<th>Applications</th>
<th>Yes</th>
<th>No</th>
<th>Not Determined</th>
<th>Suggested Dilution</th>
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<tr>
<td>ELISA</td>
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<td>Western Blotting</td>
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Where this product has not been tested for use in a particular technique this does not necessarily exclude its use in such procedures. Suggested working dilutions are given as a guide only. It is recommended that the user titrates the product for use in their own system using appropriate negative/positive controls.

Target Species
Viral

Product Form
Recombinant Hepatitis B surface antigen AD

Preparation
Recombinant Hepatitis B surface antigen AD expressed in Saccharomyces cerevisiae

Buffer Solution
Phosphate buffered saline

Preservative Stabilisers
0.09% Sodium Azide (NaN₃)

Approx. Protein Concentrations
Total protein concentration 0.5 mg/ml

Product Information
Recombinant Hepatitis surface antigen is a S. cerevisiae derived preparation of the AD subtype surface antigen of the Hepatitis B virus (HBsAg), a protein component of the viral envelope predominantly expressed in the cytoplasm of infected hepatocytes. HBsAg has antigenic heterogeneity; two pairs of the subtypes d/y and w/r lead to antigenic combinations of adw, ayw, adr, and ayr.

Hepatitis B infection is normally diagnosed using serological tests that detect HBsAg. If HBsAg is detected in the blood for longer than six months, chronic hepatitis B is diagnosed.

Protein Molecular
24 kDa
Weight

Purity

~95% by SDS PAGE

References


Storage

Store at +4°C. DO NOT FREEZE.
This product should be stored undiluted. Should this product contain a precipitate we recommend microcentrifugation before use.

Guarantee

12 months from date of despatch

Health And Safety Information

Material Safety Datasheet documentation #10258 available at:

Regulatory

For research purposes only

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