

Datasheet: 4940-1404

Description:	GOAT ANTI HEPATITIS B SURFACE ANTIGEN AD/AY
Specificity:	HEPATITIS B SURFACE ANTIGEN AD/AY
Format:	Purified
Product Type:	Polyclonal Antibody
Isotype:	Polyclonal IgG
Quantity:	1 ml

Product Details

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.

	Yes	No	Not Determined	Suggested Dilution
Immunohistology - Frozen			▪	
Immunohistology - Paraffin			▪	
ELISA	▪			1/200 - 1/1000
Western Blotting			▪	

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 the appropriate negative/positive controls.

Target Species	Viral
Product Form	Purified IgG - liquid
Buffer Solution	Phosphate buffered saline
Preservative Stabilisers	0.1% Sodium Azide (NaN ₃)
Approx. Protein Concentrations	IgG concentration 5.0 mg/ml
Immunogen	Hepatitis B Surface Antigen Subtypes AD & AY
RRID	AB_618824
Specificity	Goat anti Hepatitis B Surface Antigen ad/ay antibody recognizes Hepatitis B surface

antigen (HBsAg), a protein component of the viral envelope which is predominantly expressed in the cytoplasm of infected cells. Hep B is a major causative agent of acute and chronic liver disease in humans ([Sumi et al. 2003](#)).

ELISA This purified goat HBsAg antibody may be used in an indirect ELISA or as the capture reagent in a sandwich ELISA with our [HRP-conjugated HBsAg antibody](#) as the detection reagent and [recombinant HBsAg](#) as the standard.

References 1. Ho, W. *et al.* (2000) Rapid infectious disease screening for field medical emergencies [Digitization of the Battlespace V and Battlefield Biomedical Technologies II. 218](#)

Storage This product is shipped at ambient temperature. It is recommended to aliquot and store at -20°C on receipt. When thawed, aliquot the sample as needed. Keep aliquots at 2-8°C for short term use (up to 4 weeks) and store the remaining aliquots at -20°C.

Avoid repeated freezing and thawing as this may denature the antibody. Storage in frost-free freezers is not recommended.

Guarantee 12 months from date of despatch

Health And Safety Information Material Safety Datasheet documentation #10040 available at: <https://www.bio-rad-antibodies.com/SDS/4940-1404>
10040

Regulatory For research purposes only

Related Products

Recommended Secondary Antibodies

Rabbit Anti Goat IgG (Fc) (STAR122...) [FITC](#), [HRP](#)

North & South America Tel: +1 800 265 7376

Fax: +1 919 878 3751

Email: antibody_sales_us@bio-rad.com

Worldwide

Tel: +44 (0)1865 852 700

Fax: +44 (0)1865 852 739

Email: antibody_sales_uk@bio-rad.com

Europe

Tel: +49 (0) 89 8090 95 21

Fax: +49 (0) 89 8090 95 50

Email: antibody_sales_de@bio-rad.com

To find a batch/lot specific datasheet for this product, please use our online search tool at: [bio-rad-antibodies.com/datasheets](https://www.bio-rad-antibodies.com/datasheets)

'M414070:221130'

Printed on 25 Mar 2023