

Datasheet: 4940-1404

Description:	GOAT ANTI HEPATITIS B SURFACE ANTIGEN AD/AY
Specificity:	HEPATITIS B SURFACE ANTIGEN AD/AY
Other names:	HBsAg
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 4.0 mg/ml
Immunogen	Hepatitis B Surface Antigen Subtypes AD & AY

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. <i>et al.</i> (2000) Rapid infectious disease screening for field medical emergencies Digitization of the Battlespace V and Battlefield Biomedical Technologies II. 218
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Storage	Store at +4°C or at -20°C if preferred. Storage in frost-free freezers is not recommended. This product should be stored undiluted. Avoid repeated freezing and thawing as this may denature the antibody. Should this product contain a precipitate we recommend microcentrifugation before use.
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Shelf Life	18 months from date of despatch.
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Health And Safety Information	Material Safety Datasheet documentation available at: Material Safety Datasheet Documentation #10303 available at: https://www.bio-rad-antibodies.com/uploads/MSDS/10303.pdf
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Regulatory	For research purposes only
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Related Products

Recommended Secondary Antibodies

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

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