

## Datasheet: 4940-1484

<b>Description:</b>	GOAT ANTI HEPATITIS B SURFACE ANTIGEN AD/AY:HRP
<b>Specificity:</b>	HEPATITIS B SURFACE ANTIGEN AD/AY
<b>Other names:</b>	HBsAg
<b>Format:</b>	HRP
<b>Product Type:</b>	Polyclonal Antibody
<b>Isotype:</b>	Polyclonal IgG
<b>Quantity:</b>	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](http://www.bio-rad-antibodies.com/protocols).

	Yes	No	Not Determined	Suggested Dilution
ELISA	▪			1/200 - 1/1000

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.

<b>Target Species</b>	Viral
<b>Product Form</b>	Purified IgG conjugated to Horseradish Peroxidase (HRP) - liquid
<b>Buffer Solution</b>	Phosphate buffered saline
<b>Preservative</b>	0.002% Thiomersal
<b>Stabilisers</b>	1% Bovine Serum Albumin
<b>Approx. Protein Concentrations</b>	IgG concentration 1-2 mg/ml
<b>Immunogen</b>	Hepatitis B Surface Antigen Subtypes AD & AY
<b>RRID</b>	AB_619918

**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](#)).

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<b>ELISA</b>	This HRP-conjugated goat HBsAg antibody may be used in a direct ELISA or as the detection reagent in a sandwich ELISA with our <a href="#">purified goat HBsAg antibody</a> as the capture reagent and <a href="#">recombinant HBsAg</a> as the standard.
<b>References</b>	1. Ho, W. <i>et al.</i> (2000) Rapid infectious disease screening for field medical emergencies <a href="#">Digitization of the Battlespace V and Battlefield Biomedical Technologies II. 218</a>
<b>Storage</b>	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.
<b>Guarantee</b>	12 months from date of despatch
<b>Health And Safety Information</b>	Material Safety Datasheet documentation #10095 available at: 10095: <a href="https://www.bio-rad-antibodies.com/uploads/MSDS/10095.pdf">https://www.bio-rad-antibodies.com/uploads/MSDS/10095.pdf</a>
<b>Regulatory</b>	For research purposes only

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## Related Products

### Recommended Useful Reagents

[AbGUARD® HRP STABILIZER PLUS \(BUF052A\)](#)

[AbGUARD® HRP STABILIZER PLUS \(BUF052B\)](#)

[AbGUARD® HRP STABILIZER PLUS \(BUF052C\)](#)

[TMB CORE \(BUF056A\)](#)

[TMB CORE+ \(BUF062A\)](#)

[TMB SIGNAL+ \(BUF054A\)](#)

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