

## Datasheet: AAI34P

**BATCH NUMBER 166706**

<b>Description:</b>	GOAT ANTI HORSE IgA:HRP
<b>Specificity:</b>	IgA
<b>Format:</b>	HRP
<b>Product Type:</b>	Polyclonal Antibody
<b>Isotype:</b>	Polyclonal IgG
<b>Quantity:</b>	1 mg

### 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
Immunohistology - Frozen			▪	
Immunohistology - Paraffin			▪	
ELISA	▪			1/10,000 - 1/100,000
Western Blotting			▪	

Where this antibody 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 antibody for use in their own system using the appropriate negative/positive controls.

#### Target Species

Horse

#### Product Form

Purified IgG conjugated to Horseradish Peroxidase (HRP) - liquid

#### Antiserum Preparation

Antisera to equine IgA were raised by repeated immunisation of goat with highly purified antigen. Purified IgG prepared by affinity chromatography.

#### Buffer Solution

Phosphate buffered saline.

#### Preservative Stabilisers

0.05% Proclin 300  
0.2% Bovine Serum Albumin

#### Approx. Protein Concentrations

IgG concentration 1.0 mg/ml.

#### Immunogen

Purified equine IgA.

<b>RRID</b>	AB_323030
<b>Specificity</b>	<b>Goat anti Horse IgA antibody</b> recognizes equine IgA and shows no cross-reactivity with other equine immunoglobulin classes in immunoelectrophoresis. Goat anti Horse IgA antibody may cross-react with IgA from other species.
<b>References</b>	<ol style="list-style-type: none"> <li>1. Lewis, M.J. <i>et al.</i> (2010) IgA in the horse: cloning of equine polymeric Ig receptor and J chain and characterization of recombinant forms of equine IgA. <a href="#">Mucosal Immunol. 3: 610-21.</a></li> <li>2. van der Kolk, J.H. <i>et al.</i> (2012) Gluten-dependent antibodies in horses with inflammatory small bowel disease (ISBD). <a href="#">Vet Q. 32: 3-11.</a></li> <li>3. Keggan, A. <i>et al.</i> (2013) Production of seven monoclonal equine immunoglobulins isotyped by multiplex analysis. <a href="#">Vet Immunol Immunopathol. 153 (3-4): 187-93.</a></li> <li>4. Palm, A.E. <i>et al.</i> (2016) Secretory immunoglobulin A and immunoglobulin G in horse saliva. <a href="#">Vet Immunol Immunopathol. 180: 59-65.</a></li> <li>5. Pawlas-Opiela, M. <i>et al.</i> (2022) The relationship between the intensity of <i>Gasterophilus intestinalis</i> larvae infection and the serum and salivary humoral immune response in horses. <a href="#">Sci Rep. 12 (1): 17573.</a></li> </ol>
<b>Storage</b>	Store at +4°C. DO NOT FREEZE. This product should be stored undiluted. Should this product contain a precipitate we recommend microcentrifugation before use.
<b>Guarantee</b>	12 months from date of despatch.
<b>Acknowledgements</b>	Proclin is a trademark of The Dow Chemical Company ("Dow") or an affiliated company of Dow.
<b>Health And Safety Information</b>	Material Safety Datasheet documentation #20391 available at: <a href="https://www.bio-rad-antibodies.com/SDS/AAI34P">https://www.bio-rad-antibodies.com/SDS/AAI34P</a> 20391
<b>Regulatory</b>	For research purposes only.

## 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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