

## Datasheet: AAI34P

<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.

<b>Target Species</b>	Horse
<b>Product Form</b>	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.

<b>Buffer Solution</b>	Phosphate buffered saline
<b>Preservative</b>	0.05% Proclin™ 300
<b>Stabilisers</b>	0.2% Bovine Serum Albumin

<b>Approx. Protein Concentrations</b>	IgG concentration 1.0 mg/ml
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<b>Immunogen</b>	Purified equine IgA
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**Specificity** **Goat anti Horse IgA antibody** 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.

**References** 1. Lewis, M.J. *et al.* (2010) IgA in the horse: cloning of equine polymeric Ig receptor and J chain and characterization of recombinant forms of equine IgA. [Mucosal Immunol. 3: 610-21.](#)

2. Keggan, A. *et al.* (2013) Production of seven monoclonal equine immunoglobulins isotyped by multiplex analysis. [Vet Immunol Immunopathol. 153 \(3-4\): 187-93.](#)
3. van der Kolk, J.H. *et al.* (2012) Gluten-dependent antibodies in horses with inflammatory small bowel disease (ISBD). [Vet Q. 32: 3-11.](#)

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<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.
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<b>Shelf Life</b>	12 months from date of despatch.
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<b>Acknowledgements</b>	Proclin™ 300 is a trademark of The Dow Chemical Company (“Dow”) or an affiliated company of Dow.
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<b>Health And Safety Information</b>	Material Safety Datasheet documentation available at: Material Safety Datasheet Documentation #10198 available at: <a href="https://www.bio-rad-antibodies.com/uploads/MSDS/10198.pdf">https://www.bio-rad-antibodies.com/uploads/MSDS/10198.pdf</a>
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<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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