

## Datasheet: AA138

**BATCH NUMBER 164975**

<b>Description:</b>	GOAT ANTI HORSE IgG (T)
<b>Specificity:</b>	IgG (T)
<b>Format:</b>	Purified
<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
Flow Cytometry			▪	
Immunohistology - Frozen			▪	
Immunohistology - Paraffin			▪	
ELISA	▪			1/100 - 1/1000
Immunoprecipitation			▪	
Western Blotting			▪	
Immunodiffusion	▪			

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 - liquid
<b>Antiserum Preparation</b>	Antisera to equine IgG (T) were raised by repeated immunisation of goat with highly purified antigen. Purified IgG prepared by affinity chromatography using antigen coupled to agarose beads.
<b>Buffer Solution</b>	Phosphate buffered saline
<b>Preservative Stabilisers</b>	0.09% Sodium Azide (NaN <sub>3</sub> )

Approx. Protein Concentrations	IgG concentration 1.0 mg/ml
Immunogen	Purified equine IgG (T).
RRID	AB_323023
Specificity	<p><b>Goat anti Horse IgG (T) antibody</b> recognizes equine IgG (T). No cross-reactivity with other equine immunoglobulin classes is seen in immuno-electrophoresis.</p> <p>Goat anti Horse IgG (T) antibody may cross react with IgG from other species.</p>
References	<ol style="list-style-type: none"> <li>1. Hooper-McGrevy, K.E. <i>et al.</i> (2003) Immunoglobulin G subisotype responses of pneumonic and healthy, exposed foals and adult horses to <i>Rhodococcus equi</i> virulence-associated proteins. <a href="#">Clin Diagn Lab Immunol. 10 (3): 345-51.</a></li> <li>2. Jacks, S. <i>et al.</i> (2007) Experimental infection of neonatal foals with <i>Rhodococcus equi</i> triggers adult-like gamma interferon induction. <a href="#">Clin Vaccine Immunol. 14: 669-77.</a></li> <li>3. Lewis, M.J. <i>et al.</i> (2007) The different effector function capabilities of the seven equine IgG subclasses have implications for vaccine strategies. <a href="#">Mol Immunol. 45: 818-27.</a></li> <li>4. Ryan, C. &amp; Giguère, S. (2010) Equine neonates have attenuated humoral and cell-mediated immune responses to a killed adjuvanted vaccine compared to adult horses. <a href="#">Clin Vaccine Immunol. 17 (12): 1896-902.</a></li> <li>5. Cauchard S <i>et al.</i> (2014) Assessment of the safety and immunogenicity of <i>Rhodococcus equi</i>-secreted proteins combined with either a liquid nanoparticle (IMS 3012) or a polymeric (PET GEL A) water-based adjuvant in adult horses and foals-- identification of promising new candidate antigens. <a href="#">Vet Immunol Immunopathol. 157 (3-4): 164-74.</a></li> <li>6. Meulenbroeks C <i>et al.</i> (2015) Allergen-Specific Cytokine Polarization Protects Shetland Ponies against <i>Culicoides obsoletus</i>-Induced Insect Bite Hypersensitivity. <a href="#">PLoS One. 10 (4): e0122090.</a></li> <li>7. Cauchard, S. <i>et al.</i> (2014) Assessment of the safety and immunogenicity of <i>Rhodococcus equi</i>-secreted proteins combined with either a liquid nanoparticle (IMS 3012) or a polymeric (PET GEL A) water-based adjuvant in adult horses and foals-- identification of promising new candidate antigens. <a href="#">Vet Immunol Immunopathol. 157 (3-4): 164-74.</a></li> <li>8. Burk, S.V. <i>et al.</i> (2016) Equine antibody response to larval <i>Parascaris equorum</i> excretory-secretory products. <a href="#">Vet Parasitol. 226: 83-7.</a></li> <li>9. Lightbody, K.L. <i>et al.</i> (2016) Validation of a novel saliva-based ELISA test for diagnosing tapeworm burden in horses. <a href="#">Vet Clin Pathol. 45 (2): 335-46.</a></li> </ol>
Storage	<p>Store at +4°C. DO NOT FREEZE.</p> <p>This product should be stored undiluted. Should this product contain a precipitate we recommend microcentrifugation before use.</p>
Guarantee	12 months from date of despatch
Health And Safety Information	<p>Material Safety Datasheet documentation #10040 available at: <a href="https://www.bio-rad-antibodies.com/SDS/AAI38">https://www.bio-rad-antibodies.com/SDS/AAI38</a></p>

10040

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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](#)

**North & South** Tel: +1 800 265 7376

**America** Fax: +1 919 878 3751

Email: [antibody\\_sales\\_us@bio-rad.com](mailto: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](mailto:antibody_sales_uk@bio-rad.com)

**Europe**

Tel: +49 (0) 89 8090 95 21

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Email: [antibody\\_sales\\_de@bio-rad.com](mailto: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://bio-rad-antibodies.com/datasheets)  
'M363645:200528'

**Printed on 01 Mar 2024**

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