

## Datasheet: AAI38P

**BATCH NUMBER 170815**

|                      |                             |
|----------------------|-----------------------------|
| <b>Description:</b>  | GOAT ANTI HORSE IgG (T):HRP |
| <b>Specificity:</b>  | IgG (T)                     |
| <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 IgG (T) 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 IgG (T).

|                                      |   |
|--------------------------------------|---|
| <b>RRID</b>                          | AB_323021   |
| <b>Specificity</b>                   | <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>  |
| <b>References</b>                    | <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> |
| <b>Storage</b>                       | <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>   |
| <b>Guarantee</b>                     | 12 months from date of despatch   |
| <b>Acknowledgements</b>              | Proclin™ 300 is a trademark of The Dow Chemical Company ("Dow") or an affiliated company of Dow.  |
| <b>Health And Safety Information</b> | <p>Material Safety Datasheet documentation #20391 available at: <a href="https://www.bio-rad-antibodies.com/SDS/AAI38P">https://www.bio-rad-antibodies.com/SDS/AAI38P</a></p> <p>20391</p>  |

## Related Products

### Recommended Useful Reagents

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

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

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

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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)

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