

## Datasheet: AAI30P

**BATCH NUMBER 156327**

<b>Description:</b>	GOAT ANTI DOG IgM:HRP
<b>Specificity:</b>	IgM
<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

Dog

#### Product Form

Purified IgG conjugated to Horseradish Peroxidase (HRP) - liquid

#### Antiserum Preparation

Antisera to canine IgM 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 canine IgM.

<b>External Database Links</b>	<b>UniProt:</b> <a href="#">P01874</a> <a href="#">Related reagents</a>
<b>RRID</b>	AB_2076335
<b>Specificity</b>	<b>Goat anti Dog IgM polyclonal antibody</b> recognizes canine IgM and shows no cross - reactivity with other canine immunoglobulin classes in immunoelectrophoresis and ELISA. Goat anti Dog IgM may cross react with IgM from other species.
<b>References</b>	<ol style="list-style-type: none"> <li>1. Peters, I.R. <i>et al.</i> (2004) Measurement of immunoglobulin concentrations in the feces of healthy dogs. <a href="#">Clin Diagn Lab Immunol. 11 (5): 841-8.</a></li> <li>2. Carli, E. <i>et al.</i> (2009) Detection of erythrocyte binding IgM and IgG by flow cytometry in sick dogs with Babesia canis canis or Babesia canis vogeli infection. <a href="#">Vet Parasitol. 162: 51-7.</a></li> <li>3. Shin, N. <i>et al.</i> (2018) INCB040093 Is a Novel PI3K<math>\delta</math> Inhibitor for the Treatment of B Cell Lymphoid Malignancies. <a href="#">J Pharmacol Exp Ther. 364 (1): 120-30.</a></li> <li>4. Sfacteria, A. <i>et al.</i> (2021) Immune Cells and Immunoglobulin Expression in the Mammary Gland Tumors of Dog. <a href="#">Animals (Basel). 11(5):1189.</a></li> <li>5. Wyszomłek, M.E. <i>et al.</i> (2022) Canine antibody response against <i>Dirofilaria repens</i>. in natural occult and microfilaremic infections <a href="#">Comparative Immunology, Microbiology and Infectious Diseases. : 101818.</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™ 300 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/AAI30P20391">https://www.bio-rad-antibodies.com/SDS/AAI30P20391</a>
<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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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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