

## Datasheet: AAI48P

**BATCH NUMBER 157126**

|                      |                       |
|----------------------|-----------------------|
| <b>Description:</b>  | GOAT ANTI PIG 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   |
|----------------------------|-----|----|----------------|----------------------|
| Flow Cytometry             |     |    | ▪              |                      |
| Immunohistology - Frozen   | ▪   |    |                | 1/200 - 1/2000       |
| Immunohistology - Paraffin |     |    | ▪              |                      |
| ELISA                      | ▪   |    |                | 1/10,000 - 1/100,000 |
| Immunoprecipitation        |     |    | ▪              |                      |
| Western Blotting           | ▪   |    |                | 1/2000 - 1/20,000    |
| Immunocytochemistry        | ▪   |    |                | 1/200 - 1/2000       |

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

|                       |  |
|-----------------------|--|
| <b>Target Species</b> | Pig  |
| <b>Product Form</b>   | Purified IgG conjugated to Horseradish Peroxidase (HRP) - liquid |

**Antiserum Preparation** Antisera to porcine IgM 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</b>    | 0.05% Proclin™ 300        |
| <b>Stabilisers</b>     | 0.2% Bovine Serum Albumin |

|                                       |  |
|---------------------------------------|--|
| <b>Approx. Protein Concentrations</b> | IgG concentration 1.0 mg/ml  |
| <b>Immunogen</b>                      | Purified Porcine IgM   |
| <b>Specificity</b>                    | <b>Goat anti Pig IgM antibody</b> recognizes porcine IgM and shows no cross-reactivity with other porcine immunoglobulin classes in immunoelectrophoresis. This antibody may cross-react with IgM from other species.  |
| <b>References</b>                     | <ol style="list-style-type: none"> <li>Williams, A.R. <i>et al.</i> (2017) Dietary cinnamaldehyde enhances acquisition of specific antibodies following helminth infection in pigs. <a href="#">Vet Immunol Immunopathol. 189: 43-52.</a></li> <li>Tiurbe, G. <i>et al.</i> (2009) Inhibitory effects of rat bone marrow-derived dendritic cells on naïve and alloantigen-specific CD4+ T cells: a comparison between dendritic cells generated with GM-CSF plus IL-4 and dendritic cells generated with GM-CSF plus IL-10. <a href="#">BMC Res Notes. 2: 12.</a></li> <li>Corsaut, L. <i>et al.</i> (2021) Immunogenicity study of a <i>Streptococcus suis</i>. autogenous vaccine in preparturient sows and evaluation of passive maternal immunity in piglets. <a href="#">BMC Vet Res. 17 (1): 72.</a></li> <li>Forner, R. <i>et al.</i> (2021) Distribution difference of colostrum-derived B and T cells subsets in gilts and sows. <a href="#">PLoS One. 16 (5): e0249366.</a></li> </ol> |
| <b>Storage</b>                        | Store at +4°C. DO NOT FREEZE.<br>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/AAI48P">https://www.bio-rad-antibodies.com/SDS/AAI48P</a><br>20391  |
| <b>Regulatory</b>                     | For research purposes only   |

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|----------------------------------|---|------------------|---|---------------|---|
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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://www.bio-rad-antibodies.com/datasheets)  
'M339399:181219'

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