

Datasheet: AAI48P

Description:	GOAT ANTI PIG IgM:HRP
Specificity:	IgM
Format:	HRP
Product Type:	Polyclonal Antibody
Isotype:	Polyclonal IgG
Quantity:	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.

	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.

Target Species	Pig
Product Form	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.

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

Approx. Protein	IgG concentration 1.0 mg/ml
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Concentrations

Immunogen Purified Porcine IgM

Specificity **Goat anti Pig IgM antibody** 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.

References

1. Williams, A.R. *et al.* (2017) Dietary cinnamaldehyde enhances acquisition of specific antibodies following helminth infection in pigs. [Vet Immunol Immunopathol. 189: 43-52.](#)
2. Corsaut, L. *et al.* (2021) Immunogenicity study of a *Streptococcus suis*. autogenous vaccine in preparturient sows and evaluation of passive maternal immunity in piglets. [BMC Vet Res. 17 \(1\): 72.](#)

Storage Store at +4°C. DO NOT FREEZE.
This product should be stored undiluted. Should this product contain a precipitate we recommend microcentrifugation before use.

Guarantee 12 months from date of despatch

Acknowledgements Proclin™ 300 is a trademark of The Dow Chemical Company (“Dow”) or an affiliated company of Dow.

Health And Safety Information Material Safety Datasheet documentation #20391 available at: 20391: <https://www.bio-rad-antibodies.com/uploads/MSDS/20391.pdf>

Regulatory For research purposes only

North & South Tel: +1 800 265 7376

America Fax: +1 919 878 3751

Email: 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

Europe

Tel: +49 (0) 89 8090 95 21

Fax: +49 (0) 89 8090 95 50

Email: antibody_sales_de@bio-rad.com

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