

Datasheet: AAI41AB

Description:	GOAT ANTI PIG IgG (Fc):Alk. Phos.
Specificity:	IgG (Fc)
Format:	Alk. Phos.
Product Type:	Polyclonal Antibody
Isotype:	Polyclonal IgG
Quantity:	0.5 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
ELISA	■			1/5000 - 1/50000

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	Pig
Product Form	Purified IgG conjugated to Alkaline Phosphatase - liquid

Antiserum Preparation Antisera to porcine IgG were raised by repeated immunisation of goat with highly purified antigen. Purified IgG prepared by affinity chromatography.

Buffer Solution	50mM HEPES, 0.1M NaCl, 1mM MgCl ₂ , 0.1mM ZnCl ₂
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Preservative	0.09% Sodium Azide (NaN ₃)
Stabilisers	0.2% Bovine Serum Albumin

Approx. Protein Concentrations	IgG concentration 0.5mg/ml
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Immunogen	Purified porcine IgG.
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Specificity

Goat anti Pig IgG (Fc) antibody recognizes the Fc region of the porcine IgG heavy chains and shows no cross - reactivity with other porcine immunoglobulin classes as evaluated by immunoelectrophoresis. Goat anti Pig IgG (Fc) has not been species cross adsorbed and may react with the Fc region of IgG from other species.

Goat anti Pig IgG (Fc) antibody has been used extensively as a detection reagent for porcine IgG in ELISA, for example monitoring of the IgG response in influenza infected pigs ([Crisci et al. 2013](#)).

References

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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.

Shelf Life

12 months from date of despatch.

Health And Safety Information

Material Safety Datasheet documentation #10089 available at:
10089: <https://www.bio-rad-antibodies.com/uploads/MSDS/10089.pdf>

Regulatory

For research purposes only

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