**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

<table>
<thead>
<tr>
<th>Applications</th>
<th>Yes</th>
<th>No</th>
<th>Not Determined</th>
<th>Suggested Dilution</th>
</tr>
</thead>
<tbody>
<tr>
<td>ELISA</td>
<td></td>
<td></td>
<td></td>
<td>1/5000 - 1/50000</td>
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</tbody>
</table>

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\(_2\)

**Preservative Stabilisers**

0.09% Sodium Azide (NaN\(_3\))

0.2% Bovine Serum Albumin

**Approx. Protein Concentrations**

IgG concentration 0.5mg/ml

**Immunogen**

Purified porcine IgG.

**RRID**

AB_10841623

**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

16. Lorenzen E et al. (2017) Intrauterine inoculation of minipigs with Chlamydia
trachomatis during diestrus establishes a longer lasting infection compared to vaginal inoculation during estrus. Microbes Infect. Feb 9. pii: S1286-4579(17)30025-4. [Epub ahead of print]


**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

**Health And Safety Information**

Material Safety Datasheet documentation #10089 available at:


**Regulatory**

For research purposes only