

Polyclonal Antibody to Porcine IgG (Fc) - HRP

Alternate names:	Pig IgG Fc, Pig Immunoglobulin G
Catalog No.:	SP2017HRP
Quantity:	1 mg
Concentration:	1.0 mg/ml
Host:	Goat
Immunogen:	Purified porcine IgG.
Format:	State: Liquid purified IgG fraction. Purification: Affinity Chromatography Buffer System: PBS containing 0.09% ProClinTM300 as preservative and 0.2% BSA as stabilizer. Label: HRP – Horseradish Peroxidase
Applications:	ELISA: 1/10,000-1/100,000. Other applications not tested. Optimal dilutions are dependent on conditions and should be determined by the user.
Specificity:	This antibody recognises IgG (Fc) and shows no cross reactivity with other immunoglobulin classes in Immunoelectrophoresis. It may react with IgG from other species. Species: Pig. Other species not tested.
Storage:	Store the antibody undiluted at 2-8°C for one month or (in aliquots) at -20°C for longer. Avoid repeated freezing and thawing. Shelf life: one year from despatch.
General References:	1. Assana, E. et al. (2010) Antibody responses to the host-protective <i>Taenia solium</i> oncosphere protein TSOL18 in pigs are directed against conformational epitopes. <i>Parasite Immunol.</i> 32: 399-405. 2. Kick, A.R. et al. (2010) Evaluation of peripheral lymphocytes after weaning and vaccination for <i>Mycoplasma hyopneumoniae</i> . <i>Res Vet Sci.</i> Dec 11. [Epub ahead of print] 3. Pyo, H. et al. (2010) Serodiagnosis of porcine reproductive and respiratory syndrome virus infection with the use of glycoprotein 5 antigens. <i>Can J Vet Res.</i> 74: 223-7. 4. Busquets, N. et al. (2010) Experimental infection with H1N1 European swine influenza virus protects pigs from an infection with the 2009 pandemic H1N1 human influenza virus. <i>Vet Res.</i> 41: 74. 5. Kang, M.L. et al. (2008) Chitosan microspheres containing <i>Bordetella bronchiseptica</i> antigens as novel vaccine against atrophic rhinitis in pigs. <i>J Microbiol Biotechnol.</i> 18: 1179-85. 6. Kim, T. et al. (2009) <i>Bordetella bronchiseptica</i> aroA mutant as a live vaccine vehicle for heterologous porcine circovirus type 2 major capsid protein expression. <i>Vet Microbiol.</i> 138:

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318-24.

7. Picherot, M. et al. (2007) Swine infection with *Trichinella spiralis*: Comparative analysis of the mucosal intestinal and systemic immune responses. *Vet Parasitol.* 143: 122-30.

8. Tsai, Y.C. et al. (2010) Porcine circovirus type 2 (PCV2) induces cell proliferation, fusion, and chemokine expression in swine monocytic cells in vitro. *Vet Res.* 41: 60.

9. Scharek, L. et al. (2005) Influence of a probiotic *Enterococcus faecium* strain on development of the immune system of sows and piglets. *Vet Immunol Immunopathol.* 105: 151-61.

10. Scharek, L. et al. (2007) Impact of the probiotic bacteria *Enterococcus faecium* NCIMB 10415 (SF68) and *Bacillus cereus* var. *toyoi* NCIMB 40112 on the development of serum IgG and faecal IgA of sows and their piglets. *Arch Anim Nutr.* 61: 223-34.

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