

## Porcine IgG Antibody Pair Set

Catalog No. E-KAB-0608

Applications

ELISA

Synonyms IgG

### Kit components & Storage

Title	Specifications	Storage
Porcine IgG Capture Antibody	1 vial, 100 µg	Store at -20°C for one year. Avoid freeze/thaw cycles.
Porcine IgG Detection Antibody (Biotin)	1 vial, 50 µL	Store at -20°C for one year. Avoid freeze/thaw cycles.

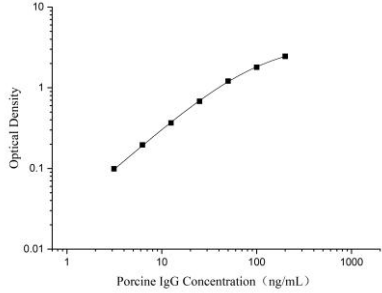
**Note:** Centrifuge before opening to ensure complete recovery of vial contents.

### Product Information

Items		Characteristic (E-KAB-0608)	
		Porcine IgG Capture Antibody	Porcine IgG Detection Antibody (Biotin)
Immunogen Information	Immunogen	Natural Porcine IgG protien	Natural Porcine IgG protien
	Swissprot	/	
Product details	Reactivity	Porcine	Porcine
	Host	Goat	Goat
	Conjugation	Unconjugated	Biotin
	Concentration	0.5 mg/mL	/
	Buffer	PBS with 0.04% Proclin 300; 50% glycerol; pH 7.5	PBS with 0.04% Proclin 300; 1% protective protein; 50% glycerol; pH 7.5
	Purify	Antigen Affinity	Antigen Affinity
	Specificity	Detects Porcine IgG in ELISAs.	

## Applications

Porcine IgG Sandwich ELISA Assay:

	Recommended Concentration/Dilution	Reagent	Images
ELISA Capture	0.5-4 µg/mL	Porcine IgG Capture Antibody	 <p>The graph is a log-log plot. The x-axis is labeled 'Porcine IgG Concentration (ng/mL)' and ranges from 1 to 1000. The y-axis is labeled 'Optical Density' and ranges from 0.01 to 10. The data points form a smooth, upward-sloping curve that starts at approximately (5, 0.1) and ends at approximately (200, 2.5).</p>
ELISA Detection	1:1000-1:10000	Porcine IgG Detection Antibody (Biotin)	

**Note:** This standard curve is only for demonstration purposes. A standard curve should be generated for each assay!

## Background

Antibodies are major components of humoral immunity. IgG is the main type of antibody found in blood and extracellular fluid allowing it to control infection of body tissues. By binding many kinds of pathogens such as viruses, bacteria, and fungi, IgG protects the body from infection.