

## Porcine FABP1 Antibody Pair Set

<b>Catalog No.</b>	E-KAB-0668	<b>Applications</b>	ELISA
<b>Synonyms</b>	FABP-1;FABPL;L-FABP;LFABP		

### Kit components & Storage

Title	Specifications	Storage
Porcine FABP1 Capture Antibody	1 vial, 100 µg	Store at -20°C for one year. Avoid freeze/thaw cycles.
Porcine FABP1 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.

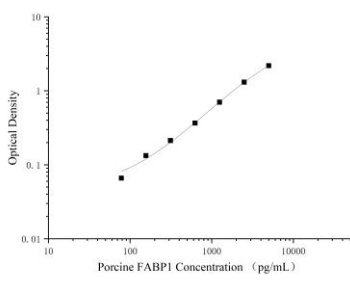
### Product Information

Items		Characteristic (E-KAB-0668)	
		Porcine FABP1 Capture Antibody	Porcine FABP1 Detection Antibody (Biotin)
Immunogen Information	Immunogen	Recombinant Porcine FABP1 protein	Recombinant Porcine FABP1 protein
	Swissprot	P49924	
Product details	Reactivity	Porcine	Porcine
	Host	Mouse	Mouse
	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	Protein A	Protein A
	Specificity	Detects Porcine FABP1 in ELISAs.	

### For Research Use Only

## Applications

### Porcine FABP1 Sandwich ELISA Assay

	Recommended Concentration/Dilution	Reagent	Images
ELISA Capture	0.5-4 µg/mL	Porcine FABP1 Capture Antibody	 <p>The graph is a log-log plot. The x-axis is labeled 'Porcine FABP1 Concentration (pg/mL)' and ranges from 10 to 10000. The y-axis is labeled 'Optical Density' and ranges from 0.01 to 10. The data points form a straight line with a positive slope, indicating a linear relationship between the concentration of Porcine FABP1 and the optical density.</p>
ELISA Detection	1:1000-1:10000	Porcine FABP1 Detection Antibody (Biotin)	

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

## Background

This gene encodes the fatty acid binding protein found in liver. Fatty acid binding proteins are a family of small, highly conserved, cytoplasmic proteins that bind long-chain fatty acids and other hydrophobic ligands. This protein and FABP6 (the ileal fatty acid binding protein) are also able to bind bile acids. It is thought that FABPs roles include fatty acid uptake, transport, and metabolism.