

Porcine TFPI Antibody Pair Set

Catalog No.	E-KAB-0674	Applications	ELISA
Synonyms	EPI;LACI;TFI;TFPI1;lipoprotein-associated coagulation inhibitor		

Kit components & Storage

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

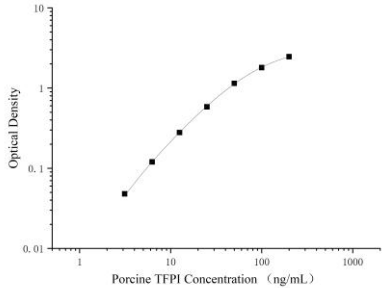
Note: Centrifuge before opening to ensure complete recovery of vial contents.

Product Information

Items		Characteristic (E-KAB-0674)	
		Porcine TFPI Capture Antibody	Porcine TFPI Detection Antibody (Biotin)
Immunogen Information	Immunogen	Recombinant Porcine TFPI protein	Recombinant Porcine TFPI protein
	Swissprot	F1RV85	
Product details	Reactivity	Porcine	Porcine
	Host	Mouse	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	Protein A or G	Antigen Affinity
	Specificity	Detects Porcine TFPI in ELISAs.	

Applications

Porcine TFPI Sandwich ELISA Assay:

	Recommended Concentration/Dilution	Reagent	Images
ELISA Capture	0.5-4 µg/mL	Porcine TFPI Capture Antibody	
ELISA Detection	1:1000-1:10000	Porcine TFPI 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 a Kunitz-type serine protease inhibitor that regulates the tissue factor (TF) -dependent pathway of blood coagulation. The coagulation process initiates with the formation of a factor VIIa-TF complex, which proteolytically activates additional proteases (factors IX and X) and ultimately leads to the formation of a fibrin clot. The product of this gene inhibits the activated factor X and VIIa-TF proteases in an autoregulatory loop. Inhibition of the encoded protein restores hemostasis in animal models of hemophilia. This gene encodes multiple protein isoforms that differ in their inhibitory activity, specificity and cellular localization.