Porcine IL-10 Antibody Pair Set

Catalog No. E-KAB-0616 **Applications** ELISA
Synonyms IL10;IL10A;CSIF;TGIF

Kit components & Storage

Title	Specifications	Storage
Porcine IL-10 Capture Antibody	1 vial, 100 μg	Store at -20℃ for one year. Avoid freeze/thaw cycles.
Porcine IL-10 Detection Antibody (Biotin)	1 vial, 50 μL	Store at -20℃ for one year. Avoid freeze/thaw cycles.

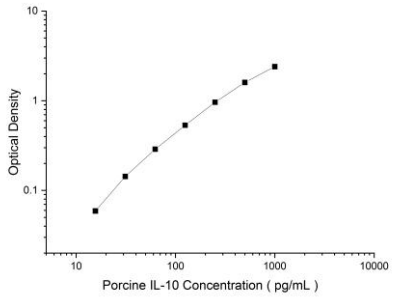
Note: Centrifuge before opening to ensure complete recovery of vial contents.

Product Information

Items		Characteristic (E-KAB-0616)	
		Porcine IL-10 Capture Antibody	Porcine IL-10 Detection Antibody (Biotin)
Immunogen Information	Immunogen	Recombinant Porcine IL-10 protien	Recombinant Porcine IL-10 protien
	Swissprot	Q29055	
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 IL-10 in ELISAs.	

Applications

Porcine IL-10 Sandwich ELISA Assay:

	Recommended Concentration/Dilution	Reagent	Images
ELISA Capture	0.5-4 μg/mL	Porcine IL-10 Capture Antibody	
ELISA Detection	1:1000-1:10000	Porcine IL-10 Detection Antibody (Biotin)	

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

Background

The protein encoded by this gene is a cytokine produced primarily by monocytes and to a lesser extent by lymphocytes. This cytokine has pleiotropic effects in immunoregulation and inflammation. It down-regulates the expression of Th1 cytokines , MHC class II Ags , and costimulatory molecules on macrophages. It also enhances B cell survival , proliferation , and antibody production. This cytokine can block NF-kappa B activity , and is involved in the regulation of the JAK-STAT signaling pathway. Knockout studies in mice suggested the function of this cytokine as an essential immunoregulator in the intestinal tract. Mutations in this gene are associated with an increased susceptibility to HIV-1 infection and rheumatoid arthritis.[provided by RefSeq , May 2011]