

Porcine IL-2 Antibody Pair Set

Catalog No. E-KAB-0614

Applications

ELISA

Synonyms IL2;Lymphokine;TCGF

Kit components & Storage

Title	Specifications	Storage
Porcine IL-2 Capture Antibody	1 vial, 100 µg	Store at -20℃ for one year. Avoid freeze/thaw cycles.
Porcine IL-2 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.

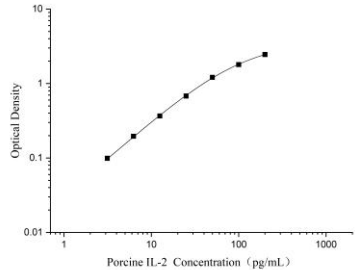
Product Information

Items		Characteristic (E-KAB-0614)	
		Porcine IL-2 Capture Antibody	Porcine IL-2 Detection Antibody (Biotin)
Immunogen Information	Immunogen	Recombinant Porcine IL-2 protien	Recombinant Porcine IL-2 protien
	Swissprot	P26891	
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-2 in ELISAs.	

For Research Use Only

Applications

Porcine IL-2 Sandwich ELISA Assay

	Recommended Concentration/Dilution	Reagent	Images
ELISA Capture	0.5-4 µg/mL	Porcine IL-2 Capture Antibody	
ELISA Detection	1:1000-1:10000	Porcine IL-2 Detection Antibody (Biotin)	

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

Background

IL2 is a secreted cytokine involved in the operation and regulation of immune system. IL2 plays a pivotal role in T-cell activation and effector functions;including T cell proliferation;interferon- γ production and cytotoxicity. IL2 can stimulate the propagation of lymphocytes and induce the cytotoxic T lymphocytes and lymphokine-activated killer cells for tumor cells. IL2 also influences memory T cell homeostasis through the regulation of memory T cell numbers and enhances major histocompatibility complex II (MHC II) expression on tumor cells.

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