

Porcine IL-12 p40 Antibody Pair Set

Catalog No.	E-KAB-0620	Applications	ELISA
Synonyms	CLMF2;IL-12 p40;IL-12/IL-23 p40;IL-12B;IL12 p40;IL12B;NKSF2;P40		

Kit components & Storage

Title	Specifications	Storage
Porcine IL-12 p40 Capture Antibody	1 vial, 100 µg	Store at -20℃ for one year. Avoid freeze/thaw cycles.
Porcine IL-12 p40 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.

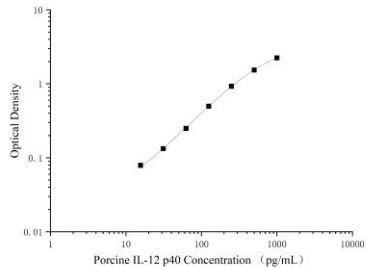
Product Information

Items		Characteristic (E-KAB-0620)	
		Porcine IL-12 p40 Capture Antibody	Porcine IL-12 p40 Detection Antibody (Biotin)
Immunogen Information	Immunogen	Recombinant Porcine IL-12 p40 protien	Recombinant Porcine IL-12 p40 protien
	Swissprot	Q28938 (p40) & Q29053 (p35)	
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 or G	Protein A or G
	Specificity	Detects Porcine IL-12 p40 in ELISAs.	

For Research Use Only

Applications

Porcine IL-12 p40 Sandwich ELISA Assay

	Recommended Concentration/Dilution	Reagent	Images
ELISA Capture	0.5-4 µg/mL	Porcine IL-12 p40 Capture Antibody	
ELISA Detection	1:1000-1:10000	Porcine IL-12 p40 Detection Antibody (Biotin)	

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

Background

Associates with IL23A to form the IL-23 interleukin , a heterodimeric cytokine which functions in innate and adaptive immunity. IL-23 may constitute with IL-17 an acute response to infection in peripheral tissues. IL-23 binds to a heterodimeric receptor complex composed of IL12RB1 and IL23R , activates the Jak-Stat signaling cascade , stimulates memory rather than naive T-cells and promotes production of pro-inflammatory cytokines. IL-23 induces autoimmune inflammation and thus may be responsible for autoimmune inflammatory diseases and may be important for tumorigenesis.

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