

Mouse IL-12 Antibody Pair Set

Catalog No.	E-KAB-0579	Applications	ELISA
Synonyms	IL12;IL-12 p70;IL12 p70		

Kit components & Storage

Title	Specifications	Storage
Mouse IL-12 Capture Antibody	1 vial, 100 µg	Store at -20°C for one year. Avoid freeze/thaw cycles.
Mouse IL-12 Detection Antibody (Biotin)	1 vial, 50 µL	Store at -20°C for one year. Avoid freeze/thaw cycles.

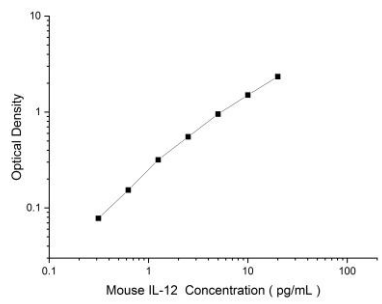
Note: Centrifuge before opening to ensure complete recovery of vial contents.

Product Information

Items		Characteristic (E-KAB-0579)	
		Mouse IL-12 Capture Antibody	Mouse IL-12 Detection Antibody (Biotin)
Immunogen Information	Immunogen	Recombinant Mouse IL-12 protien	Recombinant Mouse IL-12 protien
	Swissprot	P43431 (IL12A) &P43432 (IL12B)	
Product details	Reactivity	Mouse	Mouse
	Host	Rat	Rat
	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 Mouse IL-12 in ELISAs.	

Applications

Mouse IL-12 Sandwich ELISA Assay:

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

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

Background

Heterodimerizes with IL12B to form the IL-12 cytokine or with EBI3/IL27B to form the IL-35 cytokine. IL-12 is primarily produced by professional antigen-presenting cells (APCs) such as B-cells and dendritic cells (DCs) as well as macrophages and granulocytes and regulates T-cell and natural killer-cell responses, induces the production of interferon-gamma (IFN-gamma), favors the differentiation of T-helper 1 (Th1) cells and is an important link between innate resistance and adaptive immunity.