

Mouse IL-6 Antibody Pair Set

Catalog No.	E-KAB-0548	Applications	ELISA
Synonyms	IL6;BSF2;HGF;HSF;IFNB2;CDF		

Kit components & Storage

Title	Specifications	Storage
Mouse IL-6 Capture Antibody	1 vial, 100 µg	Store at -20℃ for one year. Avoid freeze/thaw cycles.
Mouse IL-6 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.

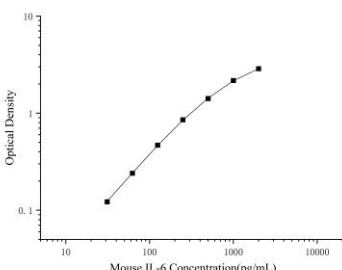
Product Information

Items		Characteristic (E-KAB-0548)	
		Mouse IL-6 Capture Antibody	Mouse IL-6 Detection Antibody (Biotin)
Immunogen Information	Immunogen	Recombinant Mouse IL-6 protien	Recombinant Mouse IL-6 protien
	Swissprot	P08505	
Product details	Reactivity	Mouse	Mouse
	Host	Rabbit	Rabbit
	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 Mouse IL-6 in ELISAs.	

For Research Use Only

Applications

Mouse IL-6 Sandwich ELISA Assay

	Recommended Concentration/Dilution	Reagent	Images
ELISA Capture	0.5-4 µg/mL	Mouse IL-6 Capture Antibody	
ELISA Detection	1:1000-1:10000	Mouse IL-6 Detection Antibody (Biotin)	

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

Background

Cytokine with a wide variety of biological functions. It is a potent inducer of the acute phase response. Plays an essential role in the final differentiation of B-cells into Ig-secreting cells Involved in lymphocyte and monocyte differentiation. It induces myeloma and plasmacytoma growth and induces nerve cells differentiation Acts on B-cells , T-cells , hepatocytes , hematopoietic progenitor cells and cells of the CNS. Also acts as a myokine. It is discharged into the bloodstream after muscle contraction and acts to increase the breakdown of fats and to improve insulin resistance.

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