Mouse IGF-2 Antibody Pair Set

Catalog No. E-KAB-0339 **Applications** ELISA
Synonyms IGF2, IGF-II

Kit components & Storage

Title	Specifications	Storage
Mouse IGF-2 Capture Antibody	1 vial, 100 μg	Store at -20℃ for one year. Avoid freeze / thaw cycles.
Mouse IGF-2 Detection Antibody (Biotin)	1 vial, 50 μL	Store at -20℃ for one year. Avoid freeze / thaw cycles.

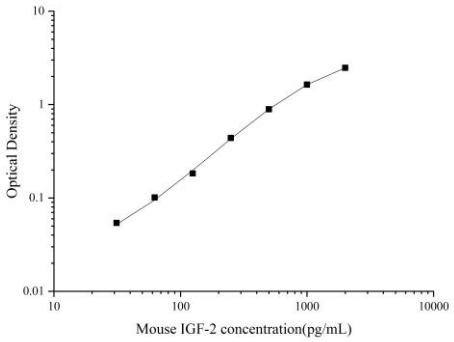
Note: Centrifuge before opening to ensure complete recovery of vial contents.

Product Information

Items		Characteristic (E-KAB-0339)	
		Mouse IGF-2 Capture Antibody	Mouse IGF-2 Detection Antibody (Biotin)
Immunogen Information	Immunogen	Recombinant Mouse IGF-2 protein	Recombinant Mouse IGF-2 protein
	Swissprot	P09535	
Product details	Reactivity	Mouse	Mouse
	Host	Goat	Rat
	Conjugation	Unconjugated	Biotin
	Concentration	0.5mg/mL	/
	Buffer	PBS with 0.04% Proclin 300, 50% glycerol, pH 7.4	PBS with 0.04% Proclin 300, 1% protective protein, 50% glycerol, pH 7.4
	Purify	Antigen Affinity	Protein A or G
	Specificity	Detects Mouse IGF-2 in ELISAs.	

Applications

Mouse IGF-2 Sandwich ELISA Assay:

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

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

Background

This gene encodes a member of the insulin family of polypeptide growth factors, which are involved in development and growth. It is an imprinted gene, expressed only from the paternal allele, and epigenetic changes at this locus are associated with Wilms tumour, Beckwith-Wiedemann syndrome, rhabdomyosarcoma, and Silver-Russell syndrome. A read-through INS-IGF2 gene exists, whose 5' region overlaps the INS gene and the 3' region overlaps this gene. Alternatively spliced transcript variants encoding different isoforms have been found for this gene.