Human IGFBP-4 Antibody Pair Set

Catalog No. E-KAB-0179 **Applications** ELISA
Synonyms IGFBP4, BP4, HT29-IGFBP, IBP4

Kit components & Storage

Title	Specifications	Storage
Human IGFBP-4 Capture Antibody	1 vial, 100 μg	Store at -20℃ for one year. Avoid freeze / thaw cycles.
Human IGFBP-4 Detection Antibody (Biotin)	1 vial, 50 μL	Store at -20℃ for one year. Avoid freeze / thaw cycles.

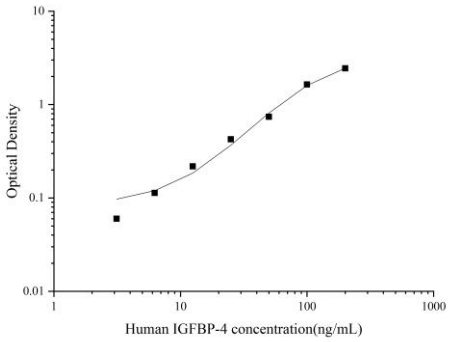
Note: Centrifuge before opening to ensure complete recovery of vial contents.

Product Information

Items		Characteristic (E-KAB-0179)	
		Human IGFBP-4 Capture Antibody	Human IGFBP-4 Detection Antibody (Biotin)
Immunogen Information	Immunogen	Recombinant Human IGFBP-4 protein	Recombinant Human IGFBP-4 protein
	Swissprot	P22692	
Product details	Reactivity	Human	Human
	Host	Mouse	Mouse
	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	Protein A or G	Protein A or G
	Specificity	Detects Human IGFBP-4 in ELISAs.	

Applications

Human IGFBP-4 Sandwich ELISA Assay:

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

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

Background

This gene is a member of the insulin-like growth factor binding protein (IGFBP) family and encodes a protein with an IGFBP domain and a thyroglobulin type-I domain. The protein binds both insulin-like growth factors (IGFs) I and II and circulates in the plasma in both glycosylated and non-glycosylated forms. Binding of this protein prolongs the half-life of the IGFs and alters their interaction with cell surface receptors.