

Human IGFBP-2 Antibody Pair Set

Catalog No.	E-KAB-0430	Applications	ELISA
Synonyms	IBP2;IGF-BP53;IGFBP2		

Kit components & Storage

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

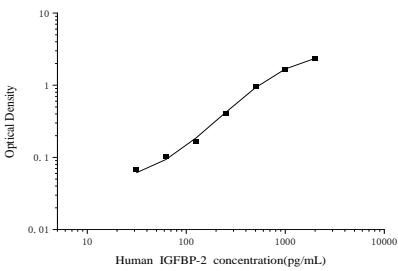
Note: Centrifuge before opening to ensure complete recovery of vial contents.

Product Information

Items		Characteristic (E-KAB-0430)	
		Human IGFBP-2 Capture Antibody	Human IGFBP-2 Detection Antibody (Biotin)
Immunogen Information	Immunogen	Recombinant Human IGFBP-2 protien	Recombinant Human IGFBP-2 protien
	Swissprot	P18065	
Product details	Reactivity	Human	Human
	Host	Goat	Goat
	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 Human IGFBP-2 in ELISAs.		

Applications

Human IGFBP-2 Sandwich ELISA Assay:

	Recommended Concentration/Dilution	Reagent	Images
ELISA Capture	0.5-4 µg/mL	Human IGFBP-2 Capture Antibody	 <p>The graph is a log-log plot. The x-axis is labeled 'Human IGFBP-2 concentration(pg/mL)' and ranges from 10 to 10000. The y-axis is labeled 'Optical Density' and ranges from 0.01 to 10. The data points form a smooth, upward-sloping curve that starts at approximately (30, 0.08) and ends at (20000, 4.5).</p>
ELISA Detection	1:1000-1:10000	Human IGFBP-2 Detection Antibody (Biotin)	

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

Background

Inhibits IGF-mediated growth and developmental rates. IGF-binding proteins prolong the half-life of the IGFs and have been shown to either inhibit or stimulate the growth promoting effects of the IGFs on cell culture. They alter the interaction of IGFs with their cell surface receptors.