

Datasheet for ABIN6720227
IGFBP6 ELISA Kit[Go to Product page](#)

1 Image

Overview

Quantity:	1 kit
Target:	IGFBP6
Reactivity:	Human
Method Type:	Sandwich ELISA
Detection Range:	62.5 pg/mL - 4000 pg/mL
Minimum Detection Limit:	62.5 pg/mL
Application:	ELISA

Product Details

Purpose:	Sandwich ELISA for Quantitative Detection of Antigen
Sample Type:	Cell Culture Supernatant, Plasma (EDTA - heparin), Serum
Analytical Method:	Quantitative
Detection Method:	Colorimetric

Characteristics: Synonyms: IBP 6, IBP-6, IBP6, IBP6_HUMAN, IGF binding protein 6, IGF-binding protein 6, IGFBP 6, IGFBP-6, IGFBP6, Insulin like growth factor binding protein 6, Insulin-like growth factor-binding protein 6

Background: Insulin-like growth factor-binding protein 6(IGFBP6) is a protein that in humans is encoded by the IGFBP6 gene. The IGFBP6 gene is mapped to chromosome 12. In all, it has contained 216 amino acid protein with a calculated molecular mass of 22,847, The human keratinocyte cell line HaCat secretes IGFBP6 as an autocrine growth inhibitor. Recombinant IGFBP6 was also shown to inhibit growth of HaCat cells and other keratinocyte cell lines.

Product Details

Gene Name: IGFBP6

Production: Natural and recombinant human IGFBP6. There is no detectable cross-reactivity with other relevant proteins.

Standard: Expression system for standard: NSO, Immunogen sequence: A25-G240

Target Details

Target:	IGFBP6
Alternative Name:	IGFBP6 (IGFBP6 Products)
Gene ID:	3489
NCBI Accession:	NP_002169
UniProt:	P24592
Pathways:	WNT Signaling , Myometrial Relaxation and Contraction

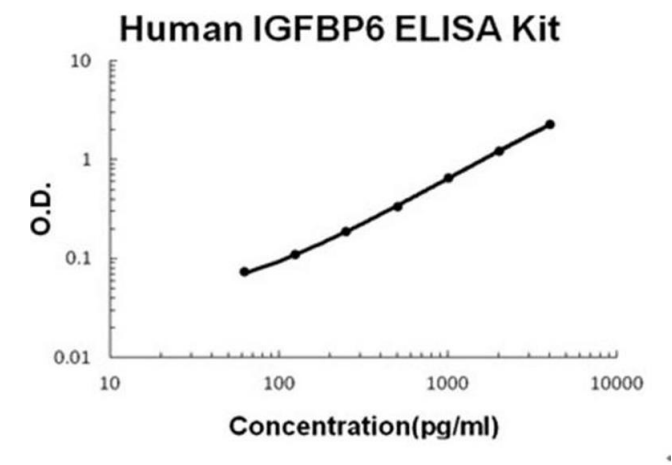
Application Details

Application Notes:	<p>Application Note: Useful in Sandwich ELISA for Quantitative Detection of Antigen. Aliquot 0.1 mL per well of the 4000pg/mL, 2000pg/mL, 1000pg/mL, 500pg/mL, 250pg/mL, 125pg/mL, 62.5pg/mL human IGFBP6 standard solutions into the precoated 96-well plate. Add 0.1 mL of the sample diluent buffer into the control well (Zero well). Add 0.1 mL of each properly diluted sample of human cell culture supernates, serum or plasma(heparin, EDTA) to each empty well. It is recommended that each human IGFBP6 standard solution and each sample be measured in duplicate.</p> <p>Blood Product Anticoagulant: Heparin Sodium</p> <p>ELISA Dilution: 62.5pg/mL-4000pg/mL</p>
Sample Volume:	100 µL
Plate:	Pre-coated
Restrictions:	For Research Use only

Handling

Storage:	RT, 4 °C, -20 °C
Storage Comment:	Store vials at 4°C prior to opening. Centrifuge product if not completely clear after standing at room temperature. This product is stable for 6 months at 4°C as an undiluted liquid. Dilute only

prior to immediate use. For extended storage freeze at -20°C or below for 12 months. Avoid cycles of freezing and thawing.



ELISA

Image 1. Human IGFBP6 Accusignal ELISA Kit Human IGFBP6 AccuSignal ELISA Kit standard curve. Assay Range: 62.5pg/ml-4000pg/ml. Sensitivity: <10pg/ml.