

Human IGFBP6 ELISA Kit | IGFBP6 elisa kit

Human IGFBP6 PicoKine ELISA Kit

CATALOG #
AAA11623

REACTIVITY
Human

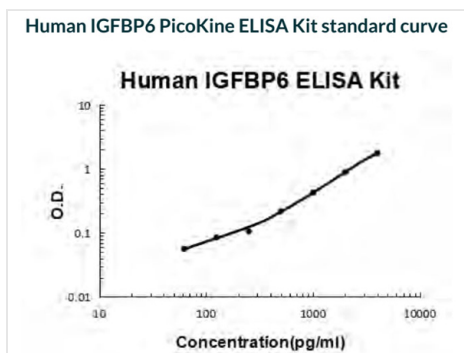
PRODUCT SYNONYMS

IGFBP6; Human IGFBP6 PicoKine ELISA Kit; Insulin-like growth factor-binding protein 6; insulin-like growth factor binding protein 6; IBP 6; IBP-6; IBP6; IBP6_HUMAN; IGF binding protein 6; IGF-binding protein 6; IGFBP 6; IGFBP-6; Insulin like growth factor binding protein 6; IGFBP6 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	Natural and recombinant Human IGFBP6
Sequence Length	240
Samples	Cell culture supernatants, cell lysates, serum and plasma (heparin, EDTA)
Detection Range	62.5 pg/ml - 4,000 pg/ml
Sensitivity	<10 pg/ml
Intra-assay Precision	Intra-Assay Precision (Precision within an assay): Three samples of known concentration were tested on one plate to assess intra-assay precision.
Inter-assay Precision	Inter-Assay Precision (Precision across assays): Three samples of known concentration were tested in separate assays to assess inter-assay precision.
Preparation and Storage	Store at 4 degree C for 6 months, at -20 degree C for 12 months. Avoid multiple freeze-thaw cycles (Shipped with wet ice.)

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for IGFBP6 elisa kit	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. Principle of the Assay: The Picokine™ Human IGFBP6 Pre-Coated ELISA (Enzyme-Linked Immunosorbent Assay) kit is a solid-phase immunoassay specially designed to measure Human IGFBP6 with a 96-well strip plate that is pre-coated with antibody specific for IGFBP6. The detection antibody is a biotinylated antibody specific for IGFBP6. The capture antibody is monoclonal antibody from mouse and the detection antibody is polyclonal antibody from goat. The kit includes Human IGFBP6 protein as standards. To measure Human IGFBP6, add standards and samples to the wells, then add the biotinylated detection antibody. Wash the wells with PBS or TBS buffer, and add Avidin-Biotin-Peroxidase Complex (ABC-HRP). Wash away the unbounded ABC-HRP with PBS or TBS buffer and add TMB. TMB is an HRP substrate and will be catalyzed to produce a blue color product, which changes into yellow after adding the acidic stop solution. The absorbance of the yellow product at 450nm is linearly proportional to Human IGFBP6 in the sample. Read the absorbance of the yellow product in each well using a plate reader, and benchmark the sample wells' readings against the standard curve to determine the concentration of Human IGFBP6 in the sample.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	124068
NCBI GeneID	3489
UniProt Accession #	P24592; Q14492
Molecular Weight	25,322 Da
NCBI Official Full Name	Insulin-like growth factor-binding protein 6
NCBI Official Synonym Full Names	insulin-like growth factor binding protein 6
NCBI Official Symbol	IGFBP6
NCBI Official Synonym Symbols	IBP6
NCBI Protein Information	insulin-like growth factor-binding protein 6; IBP-6; IGFBP-6; IGF binding protein 6; IGF-binding protein 6
UniProt Protein Name	Insulin-like growth factor-binding protein 6
UniProt Gene Name	IGFBP6
UniProt Synonym Gene Names	IBP6; IBP-6; IGF-binding protein 6; IGFBP-6
UniProt Entry Name	IBP6_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://www.aaabiotech.com/human-elisa-kits/igfbp6/11623>