

Human IGFBP7 ELISA Kit | IGFBP7 elisa kit

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CATALOG # AAA106082	REACTIVITY Human	APPLICATIONS ELISA
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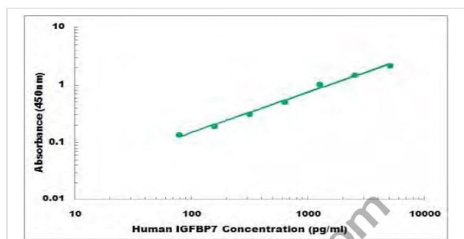
PRODUCT SYNONYMS

IGFBP7; Human IGFBP7 ELISA Kit; MAC25; PSF; Insulin-like growth factor-binding protein 7; IBP-7; IGF-binding protein 7; IGFBP-7; IGFBP-rP1; MAC25 protein; PGI2-stimulating factor; Prostacyclin-stimulating factor; Tumor-derived adhesion factor; TAF; IGFBP7 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	The Human IGFBP7 ELISA Kit allows for the detection and quantification of endogenous levels of natural and/or recombinant Human IGFBP7 proteins within the range of 78 pg/ml - 5000 pg/ml.
Sequence Length	279
Samples	Cell culture supernatants, serum, plasma, urine
Sensitivity	< 40 pg/ml
Applicable Applications for IGFBP7 elisa kit	ELISA (Sandwich ELISA)
Preparation and Storage	Shipped and store at 4 degree C for 6 months, store at -20 degree C for one year. Avoid freeze/thaw cycles.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for IGFBP7 elisa kit

Principle of the Assay: The AAA Biotech' Human IGFBP7 ELISA (Enzyme-Linked Immunosorbent Assay) kit is an in vitro enzyme-linked immunosorbent assay for the quantitative measurement of Human IGFBP7 in Cell Culture Supernatants, Serum, Plasma, Urine. This assay employs an antibody specific for Human IGFBP7 coated on a 96-well plate. Standards and samples are pipetted into the wells and IGFBP7 present in a sample is bound to the wells by the immobilized antibody. The wells are washed and biotinylated anti-Human IGFBP7 antibody is added. After washing away unbound biotinylated antibody, HRP-conjugated streptavidin is pipetted to the wells. The wells are again washed, a TMB substrate solution is added to the wells and color develops in proportion to the amount of IGFBP7 bound. The Stop Solution changes the color from blue to yellow, and the intensity of the color is measured at 450 nm.

Background/Introduction: Insulin-like growth factor-binding protein 7 is a protein that in humans is encoded by the IGFBP7 gene. The gene was mapped to chromosome 4q12. The major function of the protein is the regulation of availability of insulin-like growth factors (IGFs) in tissue as well as in modulating IGF binding to its receptors. IGFBP7 binds to IGF with high affinity. It also stimulates cell adhesion. The protein is implicated in some cancers.

NCBI AND UNIPROT INFORMATION

NCBI GI #	359465608
NCBI GeneID	3490
NCBI Accession #	NP_001240764.1
NCBI GenBank Nucleotide #	NM_001253835.1
UniProt Accession #	Q16270; Q07822; Q53YE6; Q9UCA8; B4E1N2; B7Z9W7
Molecular Weight	28,860 Da
NCBI Official Full Name	insulin-like growth factor-binding protein 7 isoform 2
NCBI Official Synonym Full Names	insulin-like growth factor binding protein 7
NCBI Official Symbol	IGFBP7
NCBI Official Synonym Symbols	AGM; PSF; TAF; FSTL2; IBP-7; MAC25; IGFBP-7; RAMSVPS; IGFBP-7v; IGFBPRP1
NCBI Protein Information	insulin-like growth factor-binding protein 7; IGFBP-rP1; angiomodulin; IGF-binding protein 7; PGI2-stimulating factor; tumor-derived adhesion factor; prostacyclin-stimulating factor
UniProt Protein Name	Insulin-like growth factor-binding protein 7
UniProt Gene Name	IGFBP7
UniProt Synonym Gene Names	MAC25; PSF; IBP-7; IGF-binding protein 7; IGFBP-7; TAF
UniProt Entry Name	IBP7_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/igfbp7/106082>