

Human insulin-like growth factor binding protein 2, 36kDa ELISA Kit | IGFBP2 elisa kit

Human insulin-like growth factors binding protein 2, IGFBP-2 ELISA Kit

CATALOG #
AAA79577

REACTIVITY
Human

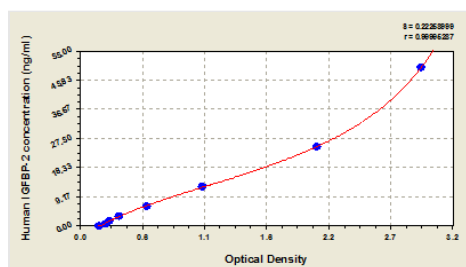
PRODUCT SYNONYMS

insulin-like growth factor binding protein 2; 36kDa; Human insulin-like growth factors binding protein 2; IGFBP-2 ELISA Kit; IBP2; IGF-BP53; ; IGFBP2 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of Human IGFBP2. No significant cross-reactivity or interference between Human IGFBP2 and analogues was observed.
Sequence Length	328
Samples	Serum, plasma, tissue homogenates
Assay Type	Sandwich
Detection Range	0.78 ng/ml-50 ng/ml
Sensitivity	0.195 ng/ml
Intra-assay Precision	Intra-assay Precision (Precision within an assay): CV% is less than 8% Three samples of known concentration were tested twenty times on one plate to assess. Inter-assay Precision (Precision between assays): CV% is less than 10% Three samples of known concentration were tested in twenty assays to assess.
Detection Wavelength	450 nm
Sample Volume	50-100ul
Protein Biological Process 1	Growth Factor
Protein Biological Process 3	Growth regulation
Preparation and Storage	Unopened test kits should be stored at 2 to 8 degree C upon receipt. Please refer to pdf manual for further storage instructions.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for IGFBP2 elisa kit	Principle of the Assay: This assay employs the quantitative sandwich enzyme immunoassay technique. Antibody specific for IGFBP-2 has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any IGFBP-2 present is bound by the immobilized antibody. After removing any unbound substances, a biotin-conjugated antibody specific for IGFBP-2 is added to the wells. After washing, avidin conjugated Horseradish Peroxidase (HRP) is added to the wells. Following a wash to remove any unbound avidin-enzyme reagent, a substrate solution is added to the wells and color develops in proportion to the amount of IGFBP-2 bound in the initial step. The color development is stopped and the intensity of the color is measured.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	55925576
NCBI GeneID	3485
NCBI Accession #	NP_000588.2
NCBI GenBank Nucleotide #	NM_000597.2
UniProt Accession #	P18065; Q14619; Q9UCL3
Molecular Weight	34,814 Da
NCBI Official Full Name	insulin-like growth factor-binding protein 2
NCBI Official Synonym Full Names	insulin-like growth factor binding protein 2, 36kDa
NCBI Official Symbol	IGFBP2
NCBI Official Synonym Symbols	IBP2; IGF-BP53
NCBI Protein Information	insulin-like growth factor-binding protein 2; IBP-2; IGFBP-2; IGF-binding protein 2
UniProt Protein Name	Insulin-like growth factor-binding protein 2
UniProt Gene Name	IGFBP2
UniProt Synonym Gene Names	BP2; IBP2; IBP-2; IGF-binding protein 2; IGFBP-2
UniProt Entry Name	IBP2_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://stage.aaabiotech.com/igfbp2-human-elisa-kits/insulin-like-growth-factor-binding-protein-2-36kda/79577>