

Mouse IGFBP2 ELISA Kit | IGFBP2 elisa kit

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CATALOG # AAA105811	REACTIVITY Mouse	APPLICATIONS ELISA
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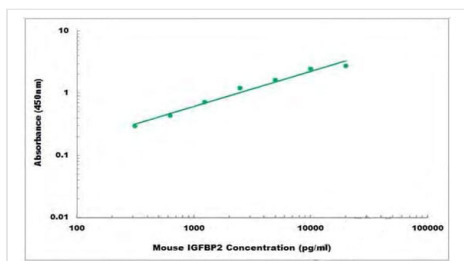
PRODUCT SYNONYMS

IGFBP2; Mouse IGFBP2 ELISA Kit; BP2; IBP2; Insulin-like growth factor-binding protein 2; IBP-2; IGF-binding protein 2; IGFBP-2; IGFBP2 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Specificity	The Mouse IGFBP2 ELISA Kit allows for the detection and quantification of endogenous levels of natural and/or recombinant Mouse IGFBP2 proteins within the range of 312 pg/ml - 20000 pg/ml.
Sequence Length	305
Samples	Culture Supernatants, Serum, Plasma
Sensitivity	< 120 pg/ml
Applicable Applications for IGFBP2 elisa kit	ELISA (Sandwich ELISA)
Detection Method	Colorimetric
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 IGFBP2 elisa kit	Background: Insulin-like growth factor-binding protein 2 (IGFBP2), also called IBP2, is a protein that in humans is encoded by the IGFBP2 gene. It is mapped to 2q35. By structural analysis, it showed that the IGFBP2 gene consists of 4 exons with 3 introns of lengths 27.0, 1.0, and 1.9 kb. IGFBP2 secreted by metastatic cells recruits endothelia by modulating IGF1 mediated activation of the IGF type-I receptor on endothelial cells. The IGFBP2/IGF1/IGF1R and GAS6/MERTK signaling pathways are regulators of cancer-mediated endothelial recruitment. Principle of the Assay: The AAA Biotech' Mouse IGFBP2 ELISA (Enzyme-Linked Immunosorbent Assay) kit is an in vitro enzyme-linked immunosorbent assay for the quantitative measurement of Mouse IGFBP2 in Cell Culture Supernatants, Serum, Plasma. This assay employs an antibody specific for Mouse IGFBP2 coated on a 96-well plate. Standards and samples are pipetted into the wells and IGFBP2 present in a sample is bound to the wells by the immobilized antibody. The wells are washed and biotinylated anti-Mouse IGFBP2 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 IGFBP2 bound. The Stop Solution changes the color from blue to yellow, and the intensity of the color is measured at 450 nm.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	31982260
NCBI GeneID	16008
NCBI Accession #	NP_032368.2
NCBI GenBank Nucleotide #	NM_008342.3
UniProt Accession #	P47877; Q61722; Q91VK7
Molecular Weight	32,847 Da
NCBI Official Full Name	insulin-like growth factor-binding protein 2
NCBI Official Synonym Full Names	insulin-like growth factor binding protein 2
NCBI Official Symbol	Igfbp2
NCBI Official Synonym Symbols	IBP-2; Igfbp-2; AI255832; mIGFBP-2
NCBI Protein Information	insulin-like growth factor-binding protein 2; IGF-binding protein 2
UniProt Protein Name	Insulin-like growth factor-binding protein 2
UniProt Gene Name	Igfbp2
UniProt Synonym Gene Names	Igfbp-2; IBP-2; IGF-binding protein 2; IGFBP-2; mIGFBP-2
UniProt Entry Name	IBP2_MOUSE

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.