

Mouse IGFBP-6 (Insulin-like Growth Factor Binding Protein 6) ELISA Kit | IGFBP-6 elisa kit

MS Mouse IGFBP-6 (Insulin-like Growth Factor Binding Protein 6) ELISA Kit

CATALOG #
AAA178065

REACTIVITY
Mouse

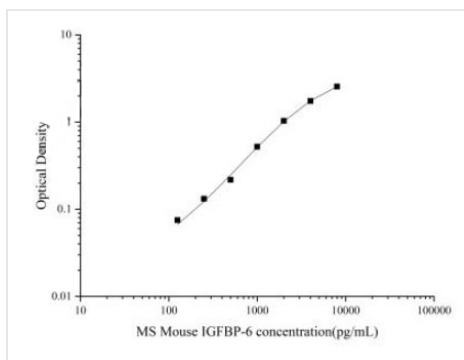
PRODUCT SYNONYMS

IGFBP-6 (Insulin-like Growth Factor Binding Protein 6); MS Mouse IGFBP-6 (Insulin-like Growth Factor Binding Protein 6) ELISA Kit; IGFBP-6 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Specificity	This kit recognizes Mouse IGFBP-6 in samples. No significant cross-reactivity or interference between Mouse IGFBP-6 and analogues was observed
Assay Type	Quantitative Sandwich
Samples	Serum, plasma and other biological fluids
Detection Range	125-8000 pg/mL
Sensitivity	75.22 pg/mL
Intra-assay Precision	Intra-assay Precision (Precision within an assay): 3 samples with low, mid range and high level Mouse IGFBP-6 were tested 20 times on one plate, respectively.
Inter-assay Precision	Inter-assay Precision (Precision between assays): 3 samples with low, mid range and high level Mouse IGFBP-6 were tested on 3 different plates, 20 replicates in each plate, respectively.
Preparation and Storage	An unopened kit can be stored at 2-8 degree C for 1 month. If the kit is not supposed to be used within 1 month, store the components separately according to the following conditions once the kit is received.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for IGFBP-6 elisa kit	Principle of the Assay: This ELISA kit uses the Sandwich-ELISA principle. The micro ELISA plate provided in this kit has been pre-coated with an antibody specific to Mouse IGFBP-6. Samples (or Standards) are added to the micro ELISA plate wells and combined with the specific antibody. Then a biotinylated detection antibody specific for Mouse IGFBP-6 and Avidin-Horseradish Peroxidase (HRP) conjugate are added successively to each micro plate well and incubated. Free components are washed away. The substrate solution is added to each well. Only those wells that contain Mouse IGFBP-6, biotinylated detection antibody and Avidin-HRP conjugate will appear blue in color. The enzyme-substrate reaction is terminated by the addition of stop solution and the color turns yellow. The optical density (OD) is measured spectrophotometrically at a wavelength of 450 ± 2 nm. The OD value is proportional to the concentration of Mouse IGFBP-6. You can calculate the concentration of Mouse IGFBP-6 in the samples by comparing the OD of the samples to the standard curve. Intended Uses: This ELISA kit applies to the in vitro quantitative determination of Mouse IGFBP-6 concentrations in serum, plasma and other biological fluids.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	168693654
NCBI GeneID	16012
NCBI Accession #	NP_032370.2
NCBI GenBank Nucleotide #	NM_008344.3
UniProt Accession #	P47880; Q91X24
Molecular Weight	25,347 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	IGFBP-6
NCBI Protein Information	insulin-like growth factor-binding protein 6
UniProt Protein Name	Insulin-like growth factor-binding protein 6
UniProt Gene Name	Igfbp6
UniProt Synonym Gene Names	Igfbp-6; IBP-6; IGF-binding protein 6; IGFBP-6

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/mouse-elisa-kits/igfbp-6-insulin-like-growth-factor-binding-protein-6/178065>