

Mouse IGFBP-6 ELISA Kit | IGFBP-6 elisa kit

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

CATALOG #
AAA164698

REACTIVITY
Mouse

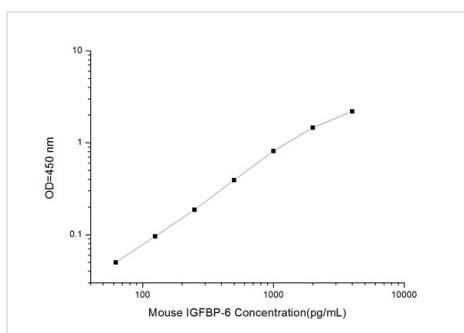
PRODUCT SYNONYMS

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

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Specificity	This assay has high sensitivity and excellent specificity for detection of Mouse IGFBP-6. No significant cross-reactivity or interference between Mouse IGFBP-6 and analogues was observed. Note: Limited by current skills and knowledge, it is impossible for us to complete the cross- reactivity detection between Mouse IGFBP-6 and all the analogues, therefore, cross reaction may still exist.
Sequence Length	240
Samples	Serum, Plasma, Biological Fluids
Assay Type	Sandwich
Detection Range	62.5-4000pg/mL
Sensitivity	Min: 37.5pg/mL; Max: 4000pg/mL
Preparation and Storage	Store at 4 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for IGFBP-6 elisa kit	Description: The kit is a sandwich enzyme immunoassay for in vitro quantitative measurement of IGFBP-6 in Mouse serum, plasma and other biological fluids Principle of the Assay: This ELISA kit uses Sandwich-ELISA as the method. The micro ELISA plate provided in this kit has been pre-coated with an antibody specific to Mouse IGFBP-6. Standards or samples are added to the appropriate micro ELISA plate wells and bound by the specific antibody. Then a biotinylated detection antibody specific for Mouse IGFBP-6 and Avidin-Horseradish Peroxidase (HRP) conjugate is added to each micro plate well successively 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 a sulphuric acid solution and the color turns yellow. The optical density (OD) is measured spectrophotometrically at a wavelength of 450 nm +/- 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.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	11321593
NCBI GeneID	3489
NCBI Accession #	NP_002169.1
NCBI GenBank Nucleotide #	NM_002178.2
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; IGF binding protein 6; IGF-binding protein 6; IGFBP-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.