

Mouse Insulin Like Growth Factor Binding Protein 7 (IGFBP7) ELISA Kit | IGFBP7 elisa kit

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CATALOG #
AAA13947

REACTIVITY
Mouse

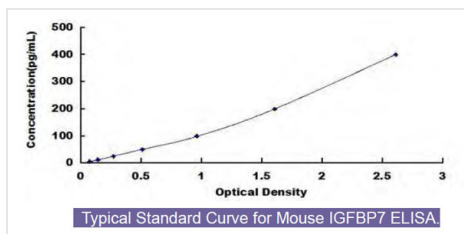
PRODUCT SYNONYMS

Insulin Like Growth Factor Binding Protein 7 (IGFBP7); Mouse Insulin Like Growth Factor Binding Protein 7 (IGFBP7) ELISA Kit; FSTL2; IGFBP-7v; MAC25; PSF; TAF; IGFBP-rP1; MAC25 protein; Prostacyclin-stimulating factor; PGI2-stimulating factor; Tumor-derived adhesion factor; IGFBP7 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Specificity	This assay has high sensitivity and excellent specificity for detection of IGFBP7. No significant cross-reactivity or interference between IGFBP7 and analogues was observed.
Sequence Length	282
Assay Type	Quantitative Sandwich
Samples	Mouse serum, plasma, tissue homogenates, cell lysates, cell culture supernates or other biological fluids
Detection Range	6.25-400pg/mL
Sensitivity	< 2.34pg/mL
Intra-assay Precision	Intra-assay Precision (Precision within an assay): 3 samples with low, middle and high level IGFBP7 were tested 20 times on one plate, respectively. Intra-Assay: CV<10%
Inter-assay Precision	Inter-assay Precision (Precision between assays): 3 samples with low, middle and high level IGFBP7 were tested on 3 different plates, 8 replicates in each plate. CV(%) = SD/meanX100. Inter-Assay: CV<12%
Preparation and Storage	For unopened kit, all reagents should be kept according to the labels on vials. The TMB Substrate, Wash Buffer, Stop Solution should be stored at 4 degree C. All others should be stored at -20 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for IGFBP7 elisa kit	Principle of the Assay: The microtiter plate provided in this kit has been pre-coated with an antibody specific to IGFBP7. Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated antibody preparation specific to IGFBP7. Next, Avidin conjugated to Horseradish Peroxidase (HRP) is added to each microplate well and incubated. After TMB substrate solution is added, only those wells that contain IGFBP7, biotin-conjugated antibody and enzyme-conjugated Avidin will exhibit a change in color. The enzyme-substrate reaction is terminated by the addition of sulphuric acid solution and the color change is measured spectrophotometrically at a wavelength of 450nm ± 10nm. The concentration of IGFBP7 in the samples is then determined by comparing the O.D. of the samples to the standard curve. Intended Uses: The kit is a sandwich enzyme immunoassay for the in vitro quantitative measurement of IGFBP7 in mouse serum, plasma, tissue homogenates, cell lysates, cell culture supernates or other biological fluids.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	226958445
NCBI GeneID	29817
NCBI Accession #	NP_032074.3
NCBI GenBank Nucleotide #	NM_008048.3
UniProt Accession #	Q61581; O88812; Q9EQW0
Molecular Weight	28,969 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; Fstl2; Mac25
NCBI Protein Information	insulin-like growth factor-binding protein 7
UniProt Protein Name	Insulin-like growth factor-binding protein 7
UniProt Gene Name	Igfbp7
UniProt Synonym Gene Names	Mac25; IBP-7; IGF-binding protein 7; IGFBP-7

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/insulin-like-growth-factor-binding-protein-7-igfbp7/13947>