

Mouse insulin-like growth factor binding protein 4 ELISA Kit | IGFBP4 elisa kit

Mouse Insulin-like growth factor binding protein 4, IGFBP-4 ELISA Kit

CATALOG #
AAA80416

REACTIVITY
Mouse

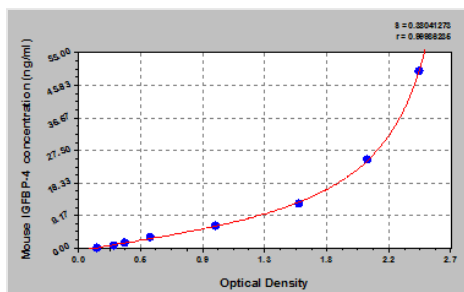
PRODUCT SYNONYMS

insulin-like growth factor binding protein 4; Mouse Insulin-like growth factor binding protein 4; IGFBP-4 ELISA Kit; IGFBP-4 ELISA kit; BP-4; HT29-IGFBP; IBP4; IGFBP-4; IGF-binding protein 4; insulin-like growth factor-binding protein 4; IGFBP4 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Specificity	This assay has high sensitivity and excellent specificity for detection of mouse IGFBP-4. No significant cross-reactivity or interference between mouse IGFBP-4 and analogues was observed.
Sequence Length	254
Samples	Serum, plasma
Assay Type	Quantitative 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%<8%. Three samples of known concentration were tested twenty times on one plate to assess.
Inter-assay Precision	Inter-assay Precision (Precision between assays): CV%<10%. Three samples of known concentration were tested in twenty assays to assess.
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 IGFBP4 elisa kit	Principle of the Assay: This assay employs the quantitative sandwich enzyme immunoassay technique. Antibody specific for IGFBP-4 has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any IGFBP-4 present is bound by the immobilized antibody. After removing any unbound substances, a biotin-conjugated antibody specific for IGFBP-4 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-4 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 #	6981086
NCBI GeneID	16010
NCBI Accession #	NP_034647.1
NCBI GenBank Nucleotide #	NM_010517.3
UniProt Accession #	P47879; O35666; Q3TMV0
Molecular Weight	27,807 Da
NCBI Official Full Name	insulin-like growth factor-binding protein 4
NCBI Official Synonym Full Names	insulin-like growth factor binding protein 4
NCBI Official Symbol	Igfbp4
NCBI Official Synonym Symbols	Deb2; IGFBP-4; AI875747
NCBI Protein Information	insulin-like growth factor-binding protein 4; IBP-4; Band 3A; IGF-binding protein 4; differentially expressed in B16F10 2
UniProt Protein Name	Insulin-like growth factor-binding protein 4
UniProt Gene Name	Igfbp4
UniProt Synonym Gene Names	Igfbp-4; IBP-4; IGF-binding protein 4; IGFBP-4
UniProt Entry Name	IBP4_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.

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Online datasheet: <https://stage.aaabiotech.com/igfbp4-mouse-elisa-kits/insulin-like-growth-factor-binding-protein-4/80416>