

Human insulin-like growth factor 2 mRNA binding protein 2 ELISA Kit | IGF2BP2 elisa kit

Human Insulin-like growth factor 2 mRNA-binding protein 2, IGF2BP2 ELISA Kit

CATALOG #
AAA112629

REACTIVITY
Human

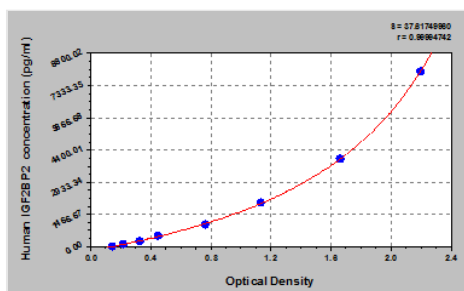
PRODUCT SYNONYMS

insulin-like growth factor 2 mRNA binding protein 2; Human Insulin-like growth factor 2 mRNA-binding protein 2; IGF2BP2 ELISA Kit; Human Insulin-like growth factor 2 mRNA-binding protein 2 (IGF2BP2) ELISA kit; IMP-2; IMP2; VICKZ2; p62; IGF-II mRNA-binding protein 2; IGF2BP2 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of Human IGF2BP2. No significant cross-reactivity or interference between Human IGF2BP2 and analogues was observed.
Sequence Length	556
Samples	Serum, plasma, tissue homogenates, Cell lysates
Detection Range	125 pg/ml-8000 pg/ml
Sensitivity	31.25 pg/ml
Intra-assay Precision	Intra-assay Precision (Precision within an assay): CV% is less than 8% Three samples of known concentration were tested twenty times on one plate to assess. Inter-assay Precision (Precision between assays): CV% is less than 10% Three samples of known concentration were tested in twenty assays to assess.
Detection Wavelength	450 nm
Sample Volume	50-100ul
Protein Biological Process 1	Transcription/Transcription regulation
Protein Biological Process 3	Translation regulation
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 IGF2BP2 elisa kit	Principle of the Assay: The microtiter plate provided in this kit has been pre-coated with an antibody specific to IGF2BP2. Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated antibody preparation specific for IGF2BP2 and Avidin conjugated to Horseradish Peroxidase (HRP) is added to each microplate well and incubated. Then a TMB (3,3',5,5' tetramethyl-benzidine) substrate solution is added to each well. Only those wells that contain IGF2BP2, biotin-conjugated antibody and enzyme-conjugated Avidin will exhibit a change in color. The enzyme-substrate reaction is terminated by the addition of a sulphuric acid solution and the color change is measured spectrophotometrically at a wavelength of 450 nm +/- 2 nm. The concentration of IGF2BP2 in the samples is then determined by comparing the O.D. of the samples to the standard curve.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	56118219
NCBI GeneID	10644
NCBI Accession #	NP_001007226.1
NCBI GenBank Nucleotide #	NM_001007225.1
UniProt Accession #	Q9Y6M1; A0A4Z0; B3FTN2; B3FTN3; B3FTN4
Molecular Weight	66,121 Da
NCBI Official Full Name	insulin-like growth factor 2 mRNA-binding protein 2 isoform b
NCBI Official Synonym Full Names	insulin-like growth factor 2 mRNA binding protein 2
NCBI Official Symbol	IGF2BP2
NCBI Official Synonym Symbols	IMP2; IMP-2; VICKZ2
NCBI Protein Information	insulin-like growth factor 2 mRNA-binding protein 2; VICKZ family member 2; IGF2 mRNA-binding protein 2; IGF-II mRNA-binding protein 2
UniProt Protein Name	Insulin-like growth factor 2 mRNA-binding protein 2
UniProt Gene Name	IGF2BP2
UniProt Synonym Gene Names	IMP2; VICKZ2; IGF2 mRNA-binding protein 2; IMP-2
UniProt Entry Name	IF2B2_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.

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Online datasheet: <https://stage.aaabiotech.com/igf2bp2-human-elisa-kits/insulin-like-growth-factor-2-mrna-binding-protein-2/112629>