

Human insulin-like growth factor 2 mRNA binding protein 3 ELISA Kit | IGF2BP3 elisa kit

Human Insulin-like growth factor 2 mRNA-binding protein 3, IGF2BP3 ELISA Kit

CATALOG #
AAA112932

REACTIVITY
Human

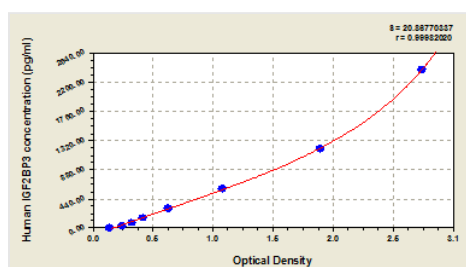
PRODUCT SYNONYMS

insulin-like growth factor 2 mRNA binding protein 3; Human Insulin-like growth factor 2 mRNA-binding protein 3; IGF2BP3 ELISA Kit; Human Insulin-like growth factor 2 mRNA-binding protein 3 (IGF2BP3) ELISA kit; CT98; DKFZp686F1078; IMP-3; IMP3; KOC1; VICKZ3; IGF II mRNA binding protein 3; IGF-II mRNA-binding protein 3; KH domain containing protein overexpressed in cancer; cancer/testis antigen 98; IGF2BP3 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of human IGF2BP3. No significant cross-reactivity or interference between human IGF2BP3 and analogues was observed.
Sequence Length	584
Samples	Serum, plasma, tissue homogenates, Cell lysates
Assay Type	Sandwich
Detection Range	37.5 pg/ml -2400 pg/ml.
Sensitivity	The minimum detectable dose of human IGF2BP3 is typically less than 9.37 pg/ml. The sensitivity of this assay, or Lower Limit of Detection (LLD) was defined as the lowest protein concentration that could be differentiated from zero. It was determined the mean O.D value of 20 replicates of the zero standard added by their three standard deviations.
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 IGF2BP3 elisa kit	Principle of the assay: This assay employs the quantitative sandwich enzyme immunoassay technique. Antibody specific for IGF2BP3 has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any IGF2BP3 present is bound by the immobilized antibody. After removing any unbound substances, a biotin-conjugated antibody specific for IGF2BP3 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 IGF2BP3 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 #	57530702
NCBI GeneID	420617
NCBI Accession #	NP_001006359.1
NCBI GenBank Nucleotide #	NM_001006359.1
UniProt Accession #	Q5ZLP8
Molecular Weight	64,373 Da
NCBI Official Full Name	insulin-like growth factor 2 mRNA-binding protein 3
NCBI Official Synonym Full Names	insulin-like growth factor 2 mRNA binding protein 3
NCBI Official Symbol	IGF2BP3
NCBI Protein Information	insulin-like growth factor 2 mRNA-binding protein 3; IMP-3; VICKZ family member 3; IGF2 mRNA-binding protein 3; IGF-II mRNA-binding protein 3
UniProt Protein Name	Insulin-like growth factor 2 mRNA-binding protein 3
UniProt Gene Name	IGF2BP3
UniProt Synonym Gene Names	VICKZ3; RCJMB04_5e15; IGF2 mRNA-binding protein 3; IMP-3
UniProt Entry Name	IF2B3_CHICK

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.