

Insulin Like Growth Factor 2 mRNA Binding Protein 2 (IGF2BP2) CLIA Kit | IGF2BP2 clia kit

CLIA Kit for Insulin Like Growth Factor 2 mRNA Binding Protein 2 (IGF2BP2)

CATALOG #
AAA129790

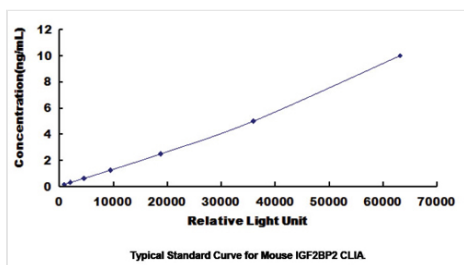
PRODUCT SYNONYMS

Insulin Like Growth Factor 2 mRNA Binding Protein 2 (IGF2BP2); CLIA Kit for Insulin Like Growth Factor 2 mRNA Binding Protein 2 (IGF2BP2); IGF2BP2 clia kit

PRODUCT SPECIFICATIONS

Specificity	This assay has high sensitivity and excellent specificity for detection of Insulin Like Growth Factor 2 mRNA Binding Protein 2 (IGF2BP2) No significant cross-reactivity or interference between Insulin Like Growth Factor 2 mRNA Binding Protein 2 (IGF2BP2) and analogues was observed.
Sequence Length	599
Assay Type	Sandwich
Samples	Tissue homogenates and other biological fluids
Detection Range	0.014-10ng/mL The standard curve concentrations used for the ELISA's were 10ng/mL, 3.33ng/mL, 1.11ng/mL, 0.37ng/mL, 0.123ng/mL, 0.041ng/mL, 0.014ng/mL
Sensitivity	The minimum detectable dose of this kit is typically less than 0.055ng/mL
Precision	Intra-assay Precision (Precision within an assay): 3 samples with low, middle and high level Insulin Like Growth Factor 2 mRNA Binding Protein 2 (IGF2BP2) were tested 20 times on one plate, respectively. Inter-assay Precision (Precision between assays): 3 samples with low, middle and high level Insulin Like Growth Factor 2 mRNA Binding Protein 2 (IGF2BP2) were tested on 3 different plates, 8 replicates in each plate. CV(%) = SD/meanX100 Intra-Assay: CV<10% Inter-Assay: CV<12%
Organism Species	Mus musculus (Mouse)
Assay Length	4.5 hours
Preparation and Storage	The stability of kit is determined by the loss rate of activity. The loss rate of this kit is less than 5% within the expiration date under appropriate storage condition. To minimize extra influence on the performance, operation procedures and lab conditions, especially room temperature, air humidity, incubator temperature should be strictly controlled. It is also strongly suggested that the whole assay is performed by the same operator from the beginning to the end.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for IGF2BP2 clia kit	The microtiter plate provided in this kit has been pre-coated with an antigen. Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated secondary antibody. Next, Avidin conjugated to Horseradish Peroxidase (HRP) is added to each microplate well and incubated. Then the mixture of substrate A and B is added to generate glow light emission kinetics. Upon plate development, the intensity of the emitted light is proportional to the Insulin Like Growth Factor 2 mRNA Binding Protein 2 (IGF2BP2) level in the sample or standard.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	64085377
NCBI GeneID	10644
NCBI Accession #	NP_006539.3
NCBI GenBank Nucleotide #	NM_006548.4
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 a
NCBI Official Synonym Full Names	insulin-like growth factor 2 mRNA binding protein 2
NCBI Official Symbol	IGF2BP2
NCBI Official Synonym Symbols	p62; 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; hepatocellular carcinoma autoantigen p62
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/clia-kits/insulin-like-growth-factor-2-mrna-binding-protein-2-igf2bp2/129790>