Human Inhibitor Of Kappa-Light Polypeptide Gene Enhancer In B-Cells Kinase Beta (IkBKb) ELISA Kit | IkBKb elisa kit

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CATALOG #	REACTIVITY
AAA187601	**Human**

PRODUCT SYNONYMS

Inhibitor Of Kappa-Light Polypeptide Gene Enhancer In B-Cells Kinase Beta (IkBKb); Human Inhibitor Of Kappa-Light Polypeptide Gene Enhancer In B-Cells Kinase Beta (IkBKb) ELISA Kit; IKK2; NFKBIKB; IKK-beta; IKKB; I-kappa-B kinase 2; Nuclear factor NF-kappa-B inhibitor kinase beta; IkBKb elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of Inhibitor Of Kappa-Light Polypeptide Gene Enhancer In B-Cells Kinase Beta (IkBKb). No significant cross-reactivity or interference between Inhibitor Of Kappa-Light Polypeptide Gene Enhancer In B-Cells Kinase Beta (IkBKb) and analogues was observed.
Sequence Length	697
Assay Type	Double-antibody Sandwich
Samples	Tissue Homogenates, Cell Lysates and Other Biological Fluids
Detection Range	0.156-10ng/mL
Sensitivity	< 0.059ng/mL
Application	Enzyme-linked immunosorbent assay for Antigen Detection.
Intra-assay Precision (Precision within an assay)	3 samples with low, middle and high level Inhibitor Of Kappa-Light Polypeptide Gene Enhancer In B-Cells Kinase Beta (IkBKb) were tested 20 times on one plate, respectively.
Inter-assay Precision (Precision between assays)	3 samples with low, middle and high level Inhibitor Of Kappa-Light Polypeptide Gene Enhancer In B-Cells Kinase Beta (IkBKb) were tested on 3 different plates, 8 replicates in each plate.
CV(%) =	SD/meanX100
Intra-Assay	CV<10%
Inter-Assay	CV<12%
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 IkBKb elisa kit	The test principle applied in this kit is Sandwich enzyme immunoassay. The microtiter plate provided in this kit has been pre-coated with an antibody specific to Inhibitor Of Kappa-Light Polypeptide Gene Enhancer In B-Cells Kinase Beta (IkBKb). Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated antibody specific to Inhibitor Of Kappa-Light Polypeptide Gene Enhancer In B-Cells Kinase Beta (IkBKb). 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 Inhibitor Of Kappa-Light Polypeptide Gene Enhancer In B-Cells Kinase Beta (IkBKb), 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 Inhibitor Of Kappa-Light Polypeptide Gene Enhancer In B-Cells Kinase Beta (IkBKb) in the samples is then determined by comparing the O.D. of the samples to the standard curve.

NCBI AND UNIPROT INFORMATION

NCBI GI #	119583630
NCBI GeneID	3551
UniProt Accession #	O14920; O75327; B4DZ30; B4E0U4
Molecular Weight	79,509 Da
NCBI Official Full Name	inhibitor of kappa light polypeptide gene enhancer in B-cells, kinase beta, isoform CRA_e
NCBI Official Synonym Full Names	inhibitor of nuclear factor kappa B kinase subunit beta
NCBI Official Symbol	IKBKB
NCBI Official Synonym Symbols	IKK2; IKKB; IMD15; NFKBIKB; IKK-beta
NCBI Protein Information	inhibitor of nuclear factor kappa-B kinase subunit beta
UniProt Protein Name	Inhibitor of nuclear factor kappa-B kinase subunit beta
UniProt Gene Name	**IKBKB**
UniProt Synonym Gene Names	IKKB; I-kappa-B-kinase beta; IKK-B; IKK-beta; IkBKB; IKK2; NFKBIKB

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/human-elisa-kits/inhibitor-of-kappa-light-polypeptide-gene-enhancer-in-b-cells-kinase-beta-ikbkb/187601