

Porcine Inhibitor of KB Kinase Beta ELISA Kit | IKKbeta elisa kit

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CATALOG #
AAA91021

REACTIVITY
Porcine

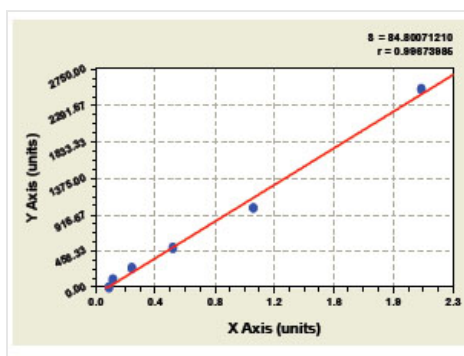
PRODUCT SYNONYMS

Inhibitor of KB Kinase Beta; Porcine Inhibitor of KB Kinase Beta ELISA Kit; IKKbeta elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Porcine
Samples	Serum, plasma, Cell Culture Supernatants, body fluid and tissue homogenate
Assay Type	Sandwich
Sensitivity	1.0 pg/mL.
Intended Uses	This IKKbeta ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Porcine IKKbeta. This ELISA kit for research use only, not for therapeutic applications!
Preparation and Storage	Store all reagents at 2-8 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for IKKbeta elisa kit

Principle of the Assay: IKKbeta ELISA kit applies the quantitative sandwich enzyme immunoassay technique. The microtiter plate has been pre-coated with a monoclonal antibody specific for IKKbeta. Standards or samples are then added to the microtiter plate wells and IKKbeta if present, will bind to the antibody pre-coated wells. In order to quantitatively determine the amount of IKKbeta present in the sample, a standardized preparation of horseradish peroxidase (HRP) -conjugated polyclonal antibody, specific for IKKbeta are added to each well to "sandwich" the IKKbeta immobilized on the plate. The microtiter plate undergoes incubation, and then the wells are thoroughly washed to remove all unbound components. Next, substrate solutions are added to each well. The enzyme (HRP) and substrate are allowed to react over a short incubation period. Only those wells that contain IKKbeta and enzyme-conjugated antibody will exhibit a change in color. The enzyme-substrate reaction is terminated by addition of a sulphuric acid solution and the color change is measured spectrophotometrically at a wavelength of 450 nm. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The IKKbeta concentration in each sample is interpolated from this standard curve.

NCBI AND UNIPROT INFORMATION

NCBI GI #	229576825
NCBI GeneID	16150
NCBI Accession #	NP_001153246.1
NCBI GenBank Nucleotide #	NM_001159774.1
Molecular Weight	86,690 Da
NCBI Official Full Name	inhibitor of nuclear factor kappa-B kinase subunit beta isoform 1
NCBI Official Synonym Full Names	inhibitor of kappaB kinase beta
NCBI Official Symbol	Ikbkb
NCBI Official Synonym Symbols	IKK2; IKK-2; IKK[b]; IKKbeta; AI132552; IKK-beta
NCBI Protein Information	inhibitor of nuclear factor kappa-B kinase subunit beta; IKK-B; NFKBIKB; I-kappa-B kinase 2; I-kappa-B-kinase beta; nuclear factor NF-kappa-B inhibitor kinase beta; inhibitor of kappa light polypeptide gene enhancer in B-cells, kinase 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
UniProt Entry Name	IKKB_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.