

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

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CATALOG #
AAA92160

REACTIVITY
Sheep

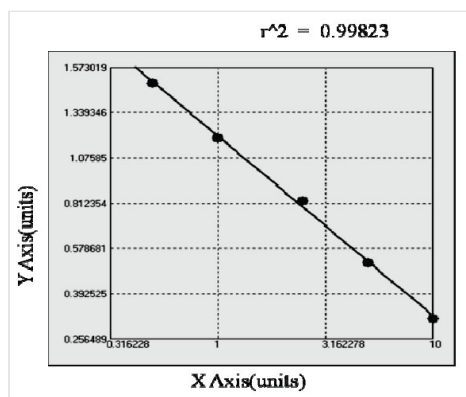
PRODUCT SYNONYMS

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

PRODUCT SPECIFICATIONS

Reactivity	Sheep
Samples	Serum, plasma, Cell Culture Supernatants, body fluid and tissue homogenate
Assay Type	Competitive
Intended Uses	This IKKbeta ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Sheep IKKbeta. This ELISA kit for research use only, not for therapeutic applications
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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 competitive enzyme immunoassay technique utilizing a monoclonal anti-IKKbeta antibody and an IKKbeta-HRP conjugate. The assay sample and buffer are incubated together with IKKbeta-HRP conjugate in pre-coated plate for one hour. After the incubation period, the wells are decanted and washed five times. The wells are then incubated with a substrate for HRP enzyme. The product of the enzyme-substrate reaction forms a blue colored complex. Finally, a stop solution is added to stop the reaction, which will then turn the solution yellow. The intensity of color is measured spectrophotometrically at 450nm in a microplate reader. The intensity of the color is inversely proportional to the IKKbeta concentration since IKKbeta from samples and IKKbeta-HRP conjugate compete for the anti-IKKbeta antibody binding site. Since the number of sites is limited, as more sites are occupied by IKKbeta from the sample, fewer sites are left to bind IKKbeta-HRP conjugate. 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.