

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

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CATALOG # AAA89195	REACTIVITY Bovine
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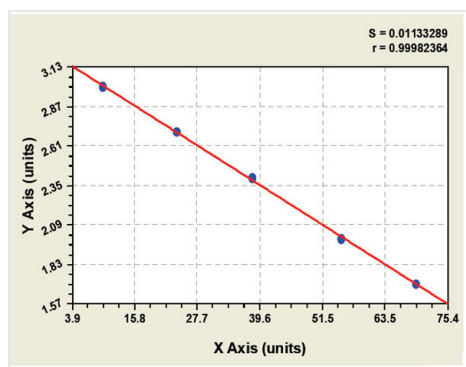
PRODUCT SYNONYMS

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

PRODUCT SPECIFICATIONS

Reactivity	Bovine
Samples	Serum, plasma, Cell Culture Supernatants, body fluid and tissue homogenate
Assay Type	Competitive
Sensitivity	1.0 pg/mL.
Intended Uses	This IL1RA ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Bovine IL1RA. 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: IL1RA ELISA kit applies the competitive enzyme immunoassay technique utilizing a monoclonal anti-IL1RA antibody and an IL1RA-HRP conjugate. The assay sample and buffer are incubated together with IL1RA-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 IL1RA concentration since IL1RA from samples and IL1RA-HRP conjugate compete for the anti-IL1RA antibody binding site. Since the number of sites is limited, as more sites are occupied by IL1RA from the sample, fewer sites are left to bind IL1RA-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The IL1RA concentration in each sample is interpolated from this standard curve.
Product Categories/Family for IKKbeta elisa kit	Cell Biology

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; NFKB1KB; 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; NFKB1KB
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.

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Online datasheet: <https://stage.aaabiotech.com/ikkbeta-bovine-ovine-elisa-kits/inhibitor-of-kb-kinase-beta/89195>