

Rat NF-kappa-B inhibitor beta ELISA Kit | Nfkbib elisa kit

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CATALOG #
AAA195780

REACTIVITY
Rat

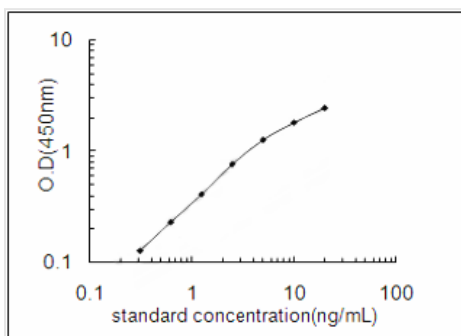
PRODUCT SYNONYMS

NF-kappa-B inhibitor beta; Rat NF-kappa-B inhibitor beta ELISA Kit; NF-kappa-BIB; I-kappa-B-beta; Ikb-B; Ikb-beta; IkappaBbeta; Nfkbib; Ikbb; Nfkbib elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Rat
Specificity	This assay recognizes recombinant and natural ratNF-kappa-BIB. No significant cross-reactivity or interference was observed.
Sequence Length	359
Assay Type	Sandwich
Detection Range	0.312-20 ng/mL
Sensitivity	0.189 ng/mL
Intra-Assay CV	<=4.8%
Inter-Assay CV	<=8.3%
Recovery	102%
Preparation and Storage	For long term storage, please store the entire kit at -20 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for Nfkbib elisa kit	Intended Uses: This immunoassay kit allows for the in vitro quantitative determination of NF-kappa-B concentrations in serum, Plasma, tissue homogenates and Cell culture supernates and Other biological fluids. Principle of the Assay: The microtiter plate provided in this kit has been pre-coated with an antibody specific to NF-kappa-B. Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated polyclonal antibody preparation specific for NF-kappa-B and Avidin conjugated to Horseradish Peroxidase (HRP) is added to each microplate well and incubated. Then a TMB substrate solution is added to each well. Only those wells that contain NF-kappa-B, biotin-conjugated antibody and enzyme-conjugated Avidin will exhibit a change in color. The enzyme-substrate reaction is terminated by the addition of a sulphuric acid solution and the color change is measured spectrophotometrically at a wavelength of 450 nm +/- 2 nm. The concentration of NF-kappa-B in the samples is then determined by comparing the O.D. of the samples to the standard curve.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	14548070
NCBI GeneID	81525
UniProt Accession #	Q9JIA3
Molecular Weight	38,081 Da
NCBI Official Full Name	NF-kappa-B inhibitor beta
NCBI Official Synonym Full Names	nuclear factor of kappa light polypeptide gene enhancer in B-cells inhibitor, beta
NCBI Official Symbol	Nfkbib
NCBI Protein Information	NF-kappa-B inhibitor beta
UniProt Protein Name	NF-kappa-B inhibitor beta
UniProt Gene Name	Nfkbib
UniProt Synonym Gene Names	Ikbk; NF-kappa-BIB; Ikb-B; Ikb-beta; IkappaBbeta
UniProt Entry Name	IKBB_RAT

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.