

Rat NF-kappa-B inhibitor alpha ELISA Kit | Nfkbia elisa kit

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CATALOG #
AAA194469

REACTIVITY
Rat

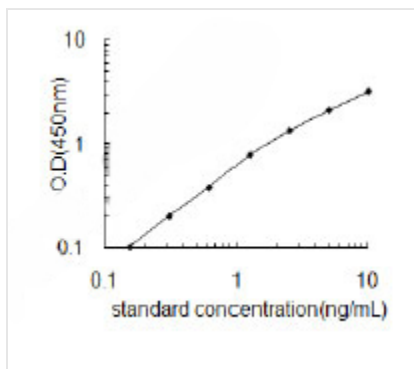
PRODUCT SYNONYMS

NF-kappa-B inhibitor alpha; Rat NF-kappa-B inhibitor alpha ELISA Kit; I-kappa-B-alpha; IkB-alpha; IkappaBalph; RL/IF-1; Nfkbia; Ikba; Nfkbia elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Rat
Specificity	Recombinant and natural Rat NF-kappa-B inhibitor alpha
Sequence Length	314
Samples	Serum, plasma, tissue homogenates, cell culture supernates or other biological fluids
Detection Range	0.156-10 ng/mL
Sensitivity	< 0.078 ng/mL
Intra-assay Precision	Intra-Assay CV: <=4.6%
Inter-assay Precision	Inter-Assay CV: <=8.2%
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 Nfkbia elisa kit	Intended Uses: This immunoassay kit allows for the in vitro quantitative determination of target antigen concentrations in serum, plasma, tissue homogenates, cell culture supernates or other biological fluids. Principle of the Assay: The microtiter plate provided in this kit has been pre-coated with an antibody specific to target antigen. Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated antibody preparation specific for target antigen and then 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 target antigen, 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 target antigen 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 #	160333919
NCBI GeneID	25493
NCBI Accession #	NP_001099190.2
NCBI GenBank Nucleotide #	NM_001105720.2
UniProt Accession #	Q63746; B2RYS5
Molecular Weight	35,017 Da
NCBI Official Full Name	NF-kappa-B inhibitor alpha
NCBI Official Synonym Full Names	nuclear factor of kappa light polypeptide gene enhancer in B-cells inhibitor, alpha
NCBI Official Symbol	Nfkbia
NCBI Official Synonym Symbols	RL/IF-1
NCBI Protein Information	NF-kappa-B inhibitor alpha
UniProt Protein Name	NF-kappa-B inhibitor alpha
UniProt Gene Name	Nfkbia
UniProt Synonym Gene Names	Ikba; Ikb-alpha; IkappaBalph
UniProt Entry Name	IKBA_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.

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Online datasheet: <https://stage.aaabiotech.com/nfkbia-rat-elisa-kits/nf-kappa-b-inhibitor-alpha/194469>