

Mouse Nuclear Factor Kappa B (NFkB) ELISA Kit | NFkB elisa kit

Mouse Nuclear Factor Kappa B (NFkB) Mini Samples ELISA Kit

CATALOG #
AAA147398

REACTIVITY
Mouse

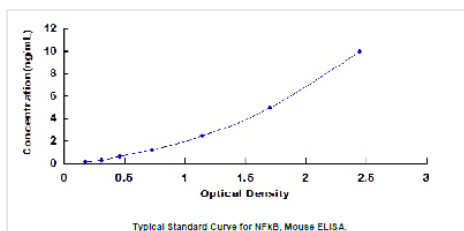
PRODUCT SYNONYMS

Nuclear Factor Kappa B (NFkB); Mouse Nuclear Factor Kappa B (NFkB) Mini Samples ELISA Kit; NF-KB1; EBP-1; KBF1; NF-Kappa-B; NFKB-P105; NFKB-P50; Nuclear Factor Of Kappa Light Polypeptide Gene Enhancer In B-Cells 1; Nuclear factor NF-kappa-B p105 subunit; NFkB elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Specificity	This assay has high sensitivity and excellent specificity for detection of nexilin. No significant cross-reactivity or interference between nexilin and analogues was observed.
Sequence Length	971
Assay Type	Double-antibody Sandwich
Samples	Tissue homogenates, Cell lysates, Cell culture supernates and other biological fluids
Detection Range	0.156-10ng/mL
Sensitivity	0.059ng/mL
Intra-assay Precision	Intra-assay Precision (Precision within an assay): 3 samples with low, middle and high level nexilin were tested 20 times on one plate, respectively. Intra-Assay: CV<10%
Inter-assay Precision	Inter-assay Precision (Precision between assays): 3 samples with low, middle and high level nexilin were tested on 3 different plates, 8 replicates in each plate. CV(%) = SD/meanX100. Inter-Assay: CV<12%

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for NFkB elisa kit	Intended Uses: The kit is a sandwich enzyme immunoassay for in vitro quantitative measurement of nexilin in rat serum, plasma, tissue homogenates and other biological fluids. Principle of the Assay: The microplate provided in this kit has been pre-coated with an antibody specific to nexilin. Standards or samples are then added to the appropriate microplate wells with a biotin-conjugated antibody specific to nexilin. Next, Avidin conjugated to Horseradish Peroxidase (HRP) is added to each microplate well and incubated. After TMB substrate solution is added, only those wells that contain nexilin, biotin-conjugated antibody and enzyme-conjugated Avidin will exhibit a change in color. The enzyme-substrate reaction is terminated by the addition of sulphuric acid solution and the color change is measured spectrophotometrically at a wavelength of 450nm +/- 10nm. The concentration of nexilin in the samples is then determined by comparing the O.D. of the samples to the standard curve.
Product Categories/Family for NFkB elisa kit	Signal Transduction

NCBI AND UNIPROT INFORMATION

NCBI GI #	117606364
NCBI GeneID	18033
NCBI Accession #	NP_032715.2
NCBI GenBank Nucleotide #	NM_008689.2
UniProt Accession #	P25799; Q3TZE8; Q3V2V6; Q6TDG8; Q75ZL1; Q80Y21; Q8C712; B2RRQ6
Molecular Weight	43,983 Da
NCBI Official Full Name	nuclear factor NF-kappa-B p105 subunit
NCBI Official Synonym Full Names	nuclear factor of kappa light polypeptide gene enhancer in B cells 1, p105
NCBI Official Symbol	Nfkb1
NCBI Official Synonym Symbols	p50; p105; NF-KB1; p50/p105; NF-kappaB; NF-kappaB1
NCBI Protein Information	nuclear factor NF-kappa-B p105 subunit
UniProt Protein Name	Nuclear factor NF-kappa-B p105 subunit
UniProt Gene Name	Nfkb1

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/mouse-elisa-kits/nuclear-factor-kappa-b-nfkb/147398>