

Mouse nuclear factor of kappa light polypeptide gene enhancer in B-cells 1 ELISA Kit | NFKB1 elisa kit

Mouse Nuclear factor-kappa B, NF- degree B ELISA Kit

CATALOG #
AAA80281

REACTIVITY
Mouse

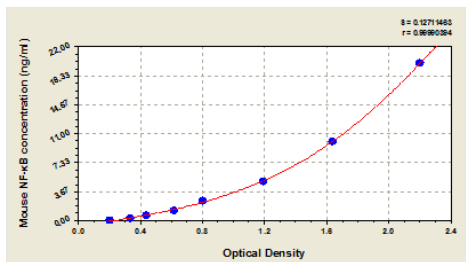
PRODUCT SYNONYMS

nuclear factor of kappa light polypeptide gene enhancer in B-cells 1; Mouse Nuclear factor-kappa B; NF- degree B ELISA Kit; NF-kappaB ELISA Kit; DKFZp686C01211; EBP-1; KBF1; MGC54151; NF-kappa-B; NF-kappaB; NFKB-p105; NFKB-p50; p105; p50; DNA binding factor KBF1; NF-kappabeta; nuclear factor NF-kappa-B p50 subunit; nuclear factor kappa-B DNA bi; NFKB1 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Specificity	This assay has high sensitivity and excellent specificity for detection of Mouse NFKB1. No significant cross-reactivity or interference between Mouse NFKB1 and analogues was observed.
Sequence Length	971
Samples	Serum, plasma, cell culture supernates
Assay Type	Sandwich
Detection Range	0.312 ng/ml-20 ng/ml
Sensitivity	0.078 ng/ml
Intra-assay Precision	Intra-assay Precision (Precision within an assay): CV% is less than 8% Three samples of known concentration were tested twenty times on one plate to assess. Inter-assay Precision (Precision between assays): CV% is less than 10% Three samples of known concentration were tested in twenty assays to assess.
Detection Wavelength	450 nm
Sample Volume	50-100ul
Protein Biological Process 1	Apoptosis/Autophagy
Protein Biological Process 3	Apoptosis
Preparation and Storage	Unopened test kits should be stored at 2 to 8 degree C upon receipt. Please refer to pdf manual for further storage instructions.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for NFKB1 elisa kit	Principle of the Assay: This assay employs the quantitative sandwich enzyme immunoassay technique. Antibody specific for NF-kappaB has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any NF-kappaB present is bound by the immobilized antibody. After removing any unbound substances, a biotin-conjugated antibody specific for NF-kappaB is added to the wells. After washing, avidin conjugated Horseradish Peroxidase (HRP) is added to the wells. Following a wash to remove any unbound avidin-enzyme reagent, a substrate solution is added to the wells and color develops in proportion to the amount of NF-kappaB bound in the initial step. The color development is stopped and the intensity of the color is measured.
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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	105,615 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; EBP-1; NF kappaB1; NF-kappaB p50; DNA-binding factor KBF1; p50 subunit of NF kappaB; p50 subunit of NF-kappaB; nuclear factor kappaB p50; nuclear factor-kappaB p50; NF-kappa-B1 p84/NF-kappa-B1 p98; nuclear factor of kappa light chain gene enhancer in B-cells 1, p105; nuclear factor of kappa light polypeptide gene enhancer in B-cells 1, p105
UniProt Protein Name	Nuclear factor NF-kappa-B p105 subunit
UniProt Gene Name	Nfkb1
UniProt Entry Name	NFKB1_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/nfkb1-mouse-elisa-kits/nuclear-factor-of-kappa-light-polypeptide-gene-enhancer-in-b-cells-1/80281>