

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

Rabbit Nuclear Factor Kappa B (NFkB) ELISA Kit

CATALOG #
AAA188170

REACTIVITY
Rabbit

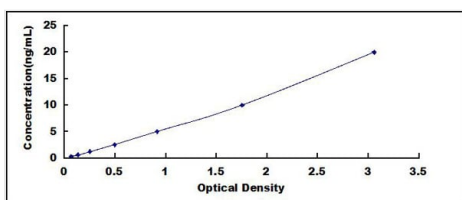
PRODUCT SYNONYMS

Nuclear Factor Kappa B (NFkB); Rabbit Nuclear Factor Kappa B (NFkB) 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	Rabbit
Specificity	This assay has high sensitivity and excellent specificity for detection of Nuclear Factor Kappa B (NFkB). No significant cross-reactivity or interference between Nuclear Factor Kappa B (NFkB) and analogues was observed.
Sequence Length	858
Assay Type	Double-antibody Sandwich
Samples	Tissue Homogenates, Cell Lysates, Cell Culture Supernates and Other Biological Fluids
Detection Range	0.312-20ng/mL
Sensitivity	The minimum detectable dose of this kit is typically less than 0.119ng/mL
Precision	Intra-assay Precision (Precision within an assay): 3 samples with low, middle and high level Nuclear Factor Kappa B (NFkB) were tested 20 times on one plate, respectively. Inter-assay Precision (Precision between assays): 3 samples with low, middle and high level Nuclear Factor Kappa B (NFkB) were tested on 3 different plates, 8 replicates in each plate. $CV(\%) = SD/mean \times 100$ Intra-Assay: $CV < 10\%$ Inter-Assay: $CV < 12\%$
Preparation and Storage	The stability of kit is determined by the loss rate of activity. The loss rate of this kit is less than 5% within the expiration date under appropriate storage condition. To minimize extra influence on the performance, operation procedures and lab conditions, especially room temperature, air humidity, incubator temperature should be strictly controlled. It is also strongly suggested that the whole assay is performed by the same operator from the beginning to the end.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for NFkB elisa kit	The test principle applied in this kit is Sandwich enzyme immunoassay. The microtiter plate provided in this kit has been pre-coated with an antibody specific to Nuclear Factor Kappa B (NFkB). Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated antibody specific to Nuclear Factor Kappa B (NFkB). 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 Nuclear Factor Kappa B (NFkB), 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 Nuclear Factor Kappa B (NFkB) in the samples is then determined by comparing the O.D. of the samples to the standard curve.
--	--

NCBI AND UNIPROT INFORMATION

NCBI GI #	1019366640
NCBI GeneID	4791
NCBI GenBank Nucleotide #	NP_001309864.1
UniProt Accession #	Q00653
NCBI Official Full Name	nuclear factor NF-kappa-B p100 subunit isoform c
NCBI Official Synonym Full Names	nuclear factor kappa B subunit 2
NCBI Official Symbol	NFKB2
NCBI Official Synonym Symbols	p52; p100; H2TF1; LYT10; CVID10; LYT-10; NF-kB2; p49/p100
NCBI Protein Information	nuclear factor NF-kappa-B p100 subunit
UniProt Protein Name	Nuclear factor NF-kappa-B p100 subunit
UniProt Gene Name	NFKB2
UniProt Synonym Gene Names	LYT10; Lyt10
UniProt Entry Name	NFKB2_HUMAN

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.