

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

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

CATALOG # AAA80311	REACTIVITY Rat
------------------------------	--------------------------

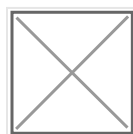
PRODUCT SYNONYMS

nuclear factor of kappa light polypeptide gene enhancer in B-cells 1; Rat Nuclear factor-kappa B; NF- degree B ELISA Kit; Rat Nuclear factor-kappa B (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	Rat
Specificity	This assay has high sensitivity and excellent specificity for detection of rat NF-kB. No significant cross-reactivity or interference between rat NF-kB and analogues was observed.
Sequence Length	522
Samples	Serum, plasma and tissue homogenates
Assay Type	Sandwich
Detection Range	1.56 pg/ml -100 pg/ml.
Sensitivity	The minimum detectable dose of rat NF-kB is typically less than 0.39 pg/ml. The sensitivity of this assay, or Lower Limit of Detection (LLD) was defined as the lowest protein concentration that could be differentiated from zero. It was determined the mean O.D value of 20 replicates of the zero standard added by their three standard deviations.
Intra-assay Precision	Intra-assay Precision (Precision within an assay): CV%<8%. Three samples of known concentration were tested twenty times on one plate to assess.
Inter-assay Precision	Inter-assay Precision (Precision between assays): CV%<10%. Three samples of known concentration were tested in twenty assays to assess.
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.
---	--

NCBI AND UNIPROT INFORMATION

NCBI GI #	2500134
NCBI GeneID	81736
UniProt Accession #	Q63369
Molecular Weight	56,554 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
NCBI Official Symbol	Nfkb1
NCBI Official Synonym Symbols	EBP-1; NF-kB
NCBI Protein Information	nuclear factor NF-kappa-B p105 subunit; DNA-binding factor KBF1; 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_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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/nfkb1-rat-elisa-kits/nuclear-factor-of-kappa-light-polypeptide-gene-enhancer-in-b-cells-1/80311>