

Rat Nuclear Factor Kappa B (NFkB) CLIA Kit | NFkB clia kit

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CATALOG #
AAA129789

REACTIVITY
Rat

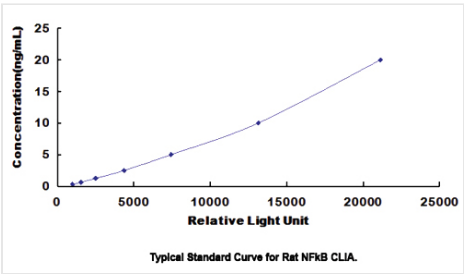
PRODUCT SYNONYMS

Nuclear Factor Kappa B (NFkB); Rat Nuclear Factor Kappa B (NFkB) CLIA 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 clia kit

PRODUCT SPECIFICATIONS

Reactivity	Rat
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	1095
Assay Type	Double-antibody Sandwich
Samples	Tissue homogenates, Cell lysates and other biological fluids
Detection Range	27.4-20,000pg/mL
Sensitivity	12.5pg/mL
Application	Chemiluminescent immunoassay for Antigen Detection.
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/meanX100
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 clia kit	The microplate 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 microplate 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. Then the mixture of substrate A and B is added to generate glow light emission kinetics. Upon plate development, the intensity of the emitted light is proportional to the Nuclear Factor Kappa B (NFkB) level in the sample or standard.;
Product Categories/Family for NFkB clia kit	Signal Transduction

NCBI AND UNIPROT INFORMATION

NCBI GI #	525314262
NCBI GeneID	100616089
NCBI Accession #	NP_001266238.1
NCBI GenBank Nucleotide #	NM_001279309.1
NCBI Official Full Name	nuclear factor kappa B
NCBI Official Symbol	Nfkb
NCBI Protein Information	nuclear factor kappa B

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/rat-clia-kits/nuclear-factor-kappa-b-nfkb/129789>