

Rat Nuclear factor NF-kappa-B p105 subunit ELISA Kit | NFKB1/p105 elisa kit

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CATALOG #
AAA96917

REACTIVITY
Rat

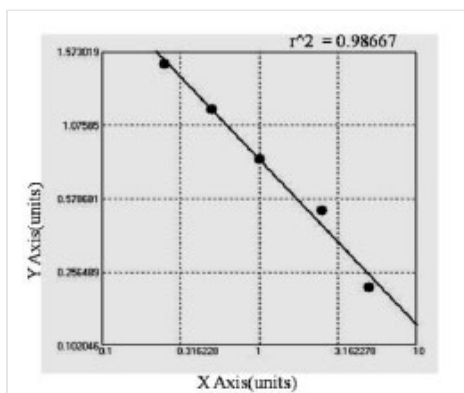
PRODUCT SYNONYMS

Nuclear factor NF-kappa-B p105 subunit; Rat Nuclear factor NF-kappa-B p105 subunit ELISA Kit; NFKB1/p105 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Rat
Samples	Serum, plasma, Cell Culture Supernatants, body fluid and tissue homogenate
Assay Type	Competitive
Detection Range	100-2500pg/mL
Sensitivity	1.0pg/ml
Preparation and Storage	Store all reagents at 2-8 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for NFKB1/p105 elisa kit	Intended Uses: This NFKB1/p105 ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Rat NFKB1/p105. This ELISA kit for research use only! Principle of the Assay: NFKB1/p105 ELISA kit applies the competitive enzyme immunoassay technique utilizing a monoclonal anti-NFKB1/p105 antibody and an NFKB1/p105-HRP conjugate. The assay sample and buffer are incubated together with NFKB1/p105-HRP conjugate in pre-coated plate for one hour. After the incubation period, the wells are decanted and washed five times. The wells are then incubated with a substrate for HRP enzyme. The product of the enzyme-substrate reaction forms a blue colored complex. Finally, a stop solution is added to stop the reaction, which will then turn the solution yellow. The intensity of color is measured spectrophotometrically at 450nm in a microplate reader. The intensity of the color is inversely proportional to the NFKB1/p105 concentration since NFKB1/p105 from samples and NFKB1/p105-HRP conjugate compete for the anti-NFKB1/p105 antibody binding site. Since the number of sites is limited, as more sites are occupied by NFKB1/p105 from the sample, fewer sites are left to bind NFKB1/p105-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The NFKB1/p105 concentration in each sample is interpolated from this standard curve.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	34577122
NCBI GeneID	4790
NCBI Accession #	NP_003989.2
NCBI GenBank Nucleotide #	NM_003998.3
Molecular Weight	85,520 Da
NCBI Official Full Name	nuclear factor NF-kappa-B p105 subunit isoform 1
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	p50; KBF1; p105; EBP-1; NF-kB1; NFKB-p50; NFkappaB; NF-kappaB; NFKB-p105; NF-kappa-B
NCBI Protein Information	nuclear factor NF-kappa-B p105 subunit; NF-kappabeta; DNA binding factor KBF1; DNA-binding factor KBF1; nuclear factor NF-kappa-B p50 subunit; nuclear factor kappa-B DNA binding subunit
UniProt Protein Name	Nuclear factor NF-kappa-B p105 subunit
UniProt Gene Name	NFKB1
UniProt Entry Name	NFKB1_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.

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Online datasheet: <https://stage.aaabiotech.com/nfkb1-p105-rat-elisa-kits/nuclear-factor-nf-kappa-b-p105-subunit/96917>