

Human Nuclear factor kB ELISA Kit | NFkB elisa kit

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CATALOG #
AAA15981

REACTIVITY
Human

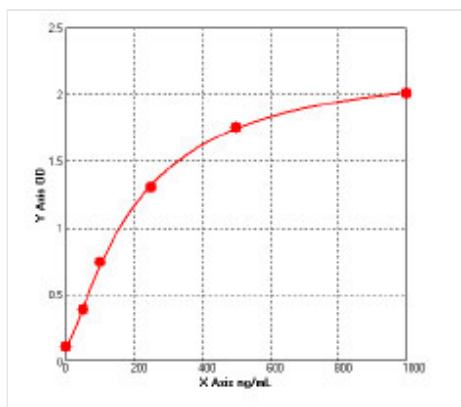
PRODUCT SYNONYMS

Nuclear factor kB; Human Nuclear factor kB ELISA Kit; NFkB elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Samples	Serum, Plasma, Cell Culture Supernatants, Body Fluid And Tissue Homogenate
Assay Type	Quantitative Competitive
Sensitivity	1.0 ng/mL.
Preparation and Storage	Store all reagents at 2-8 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for NFkB elisa kit

Intended Uses: This NFkB ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Porcine NFkB. This ELISA kit for research use only!

Principle of the Assay: NFkB ELISA kit applies the competitive enzyme immunoassay technique utilizing an anti-NFkB antibody and an NFkB-HRP conjugate. The assay sample and buffer are incubated together with NFkB-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 NFkB concentration since NFkB from samples and NFkB-HRP conjugate compete for the anti-NFkB antibody binding site. Since the number of sites is limited, as more sites are occupied by NFkB from the sample, fewer sites are left to bind NFkB-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The NFkB concentration in each sample is interpolated from this standard curve.

NCBI AND UNIPROT INFORMATION

NCBI GI #	47551269
NCBI GeneID	373533
NCBI Accession #	NP_999819.1
NCBI GenBank Nucleotide #	NM_214654.1
NCBI Official Full Name	NFkB protein
NCBI Official Symbol	NFkB
NCBI Protein Information	NFkB protein

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/nfkb-human-elisa-kits/nuclear-factor-kb/15981>