

Bovine Nuclear factor kB ELISA Kit | NFkB elisa kit

Bovine Nuclear factor kB ELISA Kit

CATALOG #
AAA92605

REACTIVITY
Bovine

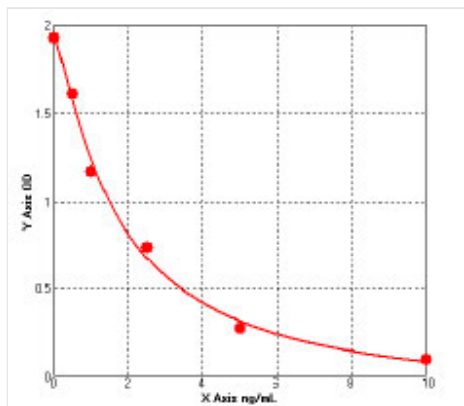
PRODUCT SYNONYMS

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

PRODUCT SPECIFICATIONS

Reactivity	Bovine
Specificity	This assay has high sensitivity and excellent specificity for detection of NF-kappaB. No significant cross-reactivity or interference between NF-kappaB and analogues was observed. NOTE: Limited by current skills and knowledge, it is impossible for us to complete the cross-reactivity detection between NF-kappaB and all the analogues, therefore, cross reaction may still exist in some cases.
Samples	Serum, plasma, cell culture supernatants, body fluid and tissue homogenate
Assay Type	Quantitative Competitive
Sensitivity	0.1 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 NF-kappaB ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Bovine NF-kappaB. This ELISA kit for research use only, not for therapeutic or test applications! Principle of the Assay: NF-kappaB ELISA kit applies the competitive enzyme immunoassay technique utilizing an anti-NF-kappaB antibody and an NF-kappaB-HRP conjugate. The assay sample and buffer are incubated together with NF-kappaB-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 NF-kappaB concentration since NF-kappaB from samples and NF-kappaB-HRP conjugate compete for the anti-NF-kappaB antibody binding site. Since the number of sites is limited, as more sites are occupied by NF-kappaB from the sample, fewer sites are left to bind NF-kappaB-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The NF-kappaB concentration in each sample is interpolated from this standard curve.
Product Categories/Family for NFkB elisa kit	Cell Biology

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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/nfkb-bovine-ovine-elisa-kits/nuclear-factor-kb/92605>