

Human NF-kappa-B inhibitor beta ELISA Kit | NFKBIB elisa kit

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CATALOG #
AAA102541

REACTIVITY
Human

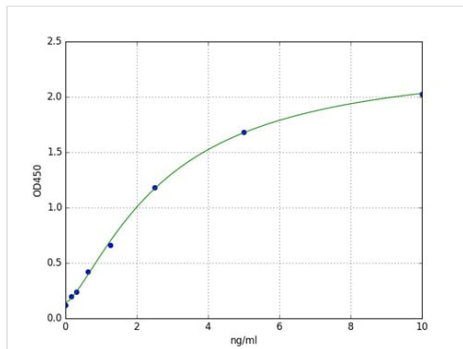
PRODUCT SYNONYMS

NF-kappa-B inhibitor beta; Human NF-kappa-B inhibitor beta ELISA Kit; NFKBIB/TR-interacting protein 9; beta/IkappaBbeta/I-kappa-B-beta/IkB-B/IkB-beta/IKBB/IkB-beta/NF-kappa-B inhibitor beta/NF-kappa-BIB/nuclear factor of kappa light polypeptide gene enhancer in B-cells inhibitor/Thyroid receptor-interacting protein 9/TR-interacting protein 9/TRIP-9/TRIP9; NFKBIB elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Sequence Length	356
Assay Type	Sandwich ELISA, Double Antibody
Samples	Serum, Plasma, Cell Culture Supernatant, cell or tissue lysate, Other liquid samples
Detection Range	0.156-10ng/ml
Sensitivity	0.094ng/ml
Preparation and Storage	Store entire kit at 2-8C for short-term. For longer-term, please store the microplate & standard at -20C, while the remaining reagents can be stored at 2-8C

IMAGES



Standard Curve (Sample)

Typical Data & Standard Curve

Results of a typical standard run of a Human NFKBIB ELISA Kit are shown below. This standard curve was generated at our lab for demonstration purpose only. Each user should obtain their own standard curve as per experiment. (N/A=not applicable)

X	ng/ml	0	0.156	0.313	0.625	1.25	2.5	5	10
Y	OD450	0.012	0.089	0.167	0.407	0.536	0.851	1.714	2.417

Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for NFKBIB elisa kit

Principle of the Assay||This kit was based on sandwich enzyme-linked immune-sorbent assay technology. anti-Human NFKBIB antibody was pre-coated onto 96-well plates. And the biotin conjugated anti-Human NFKBIB antibody was used as detection antibodies. The standards, test samples and biotin conjugated detection antibody were added to the wells subsequently, and wash with wash buffer. HRP-Streptavidin was added and unbound conjugates were washed away with wash buffer. TMB substrates were used to visualize HRP enzymatic reaction. TMB was catalyzed by HRP to produce a blue color product that changed into yellow after adding acidic stop solution. The density of yellow is proportional to the Human NFKBIB amount of sample captured in plate. Read the O.D. absorbance at 450nm in a microplate reader, and then the concentration of Human NFKBIB can be calculated.

NCBI AND UNIPROT INFORMATION

NCBI GI #	21361135
NCBI GeneID	4793
NCBI Accession #	NP_002494.2
NCBI GenBank Nucleotide #	NM_002503.4
Molecular Weight	35,530 Da
NCBI Official Full Name	NF-kappa-B inhibitor beta isoform 1
NCBI Official Synonym Full Names	nuclear factor of kappa light polypeptide gene enhancer in B-cells inhibitor, beta
NCBI Official Symbol	NFKBIB
NCBI Official Synonym Symbols	IKBB; TRIP9
NCBI Protein Information	NF-kappa-B inhibitor beta
UniProt Protein Name	NF-kappa-B inhibitor beta
UniProt Gene Name	NFKBIB
UniProt Synonym Gene Names	IKBB; TRIP9; NF-kappa-BIB; Ikb-B; Ikb-beta; IkappaBbeta; TR-interacting protein 9; TRIP-9
UniProt Entry Name	IKBB_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/nfkbib-human-elisa-kits/nf-kappa-b-inhibitor-beta/102541>