

Human NF-kappa-B essential modulator ELISA Kit | IKBKG elisa kit

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CATALOG #
AAA99462

REACTIVITY
Human

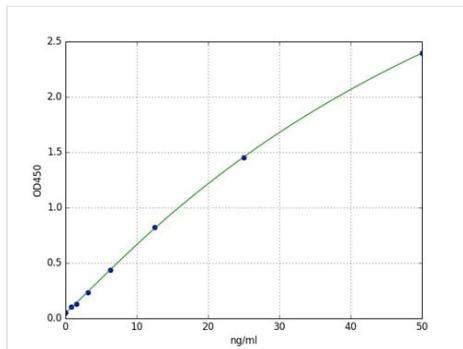
PRODUCT SYNONYMS

NF-kappa-B essential modulator; Human NF-kappa-B essential modulator ELISA Kit; IKBKG/NF-kappa-B essential modulator (NEMO)/ NF-kappa-B essential modifier/Inhibitor of nuclear factor kappa-B kinase subunit gamma (I-kappa-B kinase subunit gamma/IKK-gamma/IKKG/Ikappa-B kinase subunit gamma)/FIP-3/Ikappa-B kinase-associated protein 1 (IKKAP1); IKBKG elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Sequence Length	320
Assay Type	Sandwich ELISA, Double Antibody
Samples	Serum, Plasma, Cell Culture Supernatant, cell or tissue lysate, Other liquid samples
Detection Range	0.781-50ng/ml
Sensitivity	0.469ng/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



Typical Data & Standard Curve

Results of a typical standard run of a Human IKBKG 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	0.781	1.563	3.125	6.25	12.5	25	50
Y	OD450	0.055	0.091	0.126	0.207	0.393	0.575	1.564	2.602

Standard Curve (Sample)

Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for IKBKG elisa kit

Principle of the Assay||This kit was based on sandwich enzyme-linked immune-sorbent assay technology. anti-Human IKBKG antibody was pre-coated onto 96-well plates. And the biotin conjugated anti-Human IKBKG 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 IKBKG amount of sample captured in plate. Read the O.D. absorbance at 450nm in a microplate reader, and then the concentration of Human IKBKG can be calculated.

NCBI AND UNIPROT INFORMATION

NCBI GI #	223671872
NCBI GeneID	8517
NCBI Accession #	NP_001138727.1
NCBI GenBank Nucleotide #	NM_001145255.2
Molecular Weight	36,953 Da
NCBI Official Full Name	NF-kappa-B essential modulator isoform c
NCBI Official Synonym Full Names	inhibitor of kappa light polypeptide gene enhancer in B-cells, kinase gamma
NCBI Official Symbol	IKBKG
NCBI Official Synonym Symbols	IP; IP1; IP2; FIP3; IPD2; NEMO; FIP-3; Fip3p; IMD33; AMCBX1; ZC2HC9; IKK-gamma
NCBI Protein Information	NF-kappa-B essential modulator
UniProt Protein Name	NF-kappa-B essential modulator
UniProt Gene Name	IKBKG
UniProt Synonym Gene Names	FIP3; NEMO; NEMO; IKKAP1; I-kappa-B kinase subunit gamma; IKK-gamma; IKKG; Ikb kinase subunit gamma
UniProt Entry Name	NEMO_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/ikbkg-human-elisa-kits/nf-kappa-b-essential-modulator/99462>