

Rat NF-kappa-B Inhibitor Alpha ELISA Kit | NFKBIA elisa kit

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CATALOG #
AAA122924

REACTIVITY
Rat

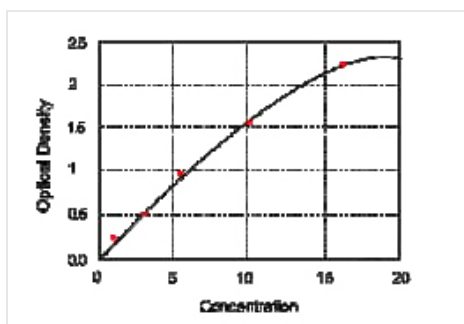
PRODUCT SYNONYMS

NF-kappa-B Inhibitor Alpha; Rat NF-kappa-B Inhibitor Alpha ELISA Kit; NFKBIA elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Rat
Sequence Length	317
Samples	Serum, Plasma, Cell Culture Supernates, Cell Lysates, Tissue Homogenates
Assay Type	Quantitative Sandwich
Detection Range	20mIU/ml-4500mIU/ml
Sensitivity	9.33mIU/ml
Intra-assay Precision	Intra-Assay Precision (Precision within an assay) Three samples of known concentration were tested on one plate to assess intra-assay precision. Intra-Assay: CV<8%
Inter-assay Precision	Inter-Assay Precision (Precision between assays) Three samples of known concentration were tested in separate assays to assess inter-assay precision. CV(%) = SD/mean x 100. Inter-Assay: CV<10%
Preparation and Storage	Store at 2 to 8 degree C for 6 months.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for NFKBIA elisa kit	Intended Uses: This sandwich kit is for the accurate quantitative detection of Rat Neuronal Nitric Oxide Synthase (also known as NOS1/nNOS) in serum, plasma, cell culture supernates, cell lysates, tissue homogenates. Principle of the Assay: This kit is an Enzyme-Linked Immunosorbent Assay (ELISA). The plate has been pre-coated with Rat NOS1/nNOS antibody. NOS1/nNOS present in the sample is added and binds to antibodies coated on the wells. And then biotinylated Rat NOS1/nNOS Antibody is added and binds to NOS1/nNOS in the sample. Then Streptavidin-HRP is added and binds to the Biotinylated NOS1/nNOS antibody. After incubation unbound Streptavidin-HRP is washed away during a washing step. Substrate solution is then added and color develops in proportion to the amount of Rat NOS1/nNOS. The reaction is terminated by addition of acidic stop solution and absorbance is measured at 450 nm.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	10092619
NCBI GeneID	4792
NCBI Accession #	NP_065390.1
NCBI GenBank Nucleotide #	NM_020529.2
UniProt Accession #	P25963
NCBI Official Full Name	NF-kappa-B inhibitor alpha
NCBI Official Synonym Full Names	NFKB inhibitor alpha
NCBI Official Symbol	NFKBIA
NCBI Official Synonym Symbols	IKBA; MAD-3; NFKBI; EDAID2
NCBI Protein Information	NF-kappa-B inhibitor alpha
UniProt Protein Name	NF-kappa-B inhibitor alpha
UniProt Gene Name	NFKBIA
UniProt Synonym Gene Names	IKBA; MAD3; NFKBI; Ikb-alpha
UniProt Entry Name	IKBA_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.