

Human Neurokinin B (NKB) ELISA Kit | NKB elisa kit

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CATALOG #
AAA67512

REACTIVITY
Human

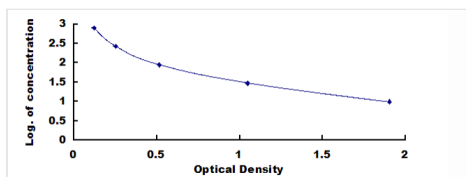
PRODUCT SYNONYMS

Neurokinin B (NKB); Human Neurokinin B (NKB) ELISA Kit; NK-B; TAC3; NKNB; ZNEUROK1; Neuromedin K; Tachykinin 3; Neurokinin Beta; NKB elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of NKB. No significant cross-reactivity or interference between NKB and analogues was observed.
Sequence Length	103
Samples	Serum, plasma and other biological fluids.
Assay Type	Competitive inhibition
Detection Range	12.5-800pg/mL
Sensitivity	3.12pg/mL
Intra-assay Precision	Intra-assay Precision (Precision within an assay): 3 samples with low, middle and high level NKB were tested 20 times on one plate, respectively. Intra-Assay: CV<10%
Inter-assay Precision	Inter-assay Precision (Precision between assays): 3 samples with low, middle and high level NKB were tested on 3 different plates, 8 replicates in each plate. CV(%) = SD/meanX100. Inter-Assay: CV<12%
Preparation and Storage	For unopened kit, all reagents should be kept according to the labels on vials. The TMB Substrate, Wash Buffer, Stop Solution should be stored at 4 degree C. All others should be stored at -20 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for NKB elisa kit

Intended Uses: The kit is a competitive inhibition enzyme immunoassay technique for the in vitro quantitative measurement of NKB in human serum, plasma and other biological fluids.

Principle of the Assay: This assay employs the competitive inhibition enzyme immunoassay technique. A monoclonal antibody specific to NKB has been pre-coated onto a microplate. A competitive inhibition reaction is launched between biotin labeled NKB and unlabeled NKB (Standards or samples) with the pre-coated antibody specific to NKB. After incubation the unbound conjugate is washed off. Next, avidin conjugated to Horseradish Peroxidase (HRP) is added to each microplate well and incubated. The amount of bound HRP conjugate is reverse proportional to the concentration of NKB in the sample. After addition of the substrate solution, the intensity of color developed is reverse proportional to the concentration of NKB in the sample.

NCBI AND UNIPROT INFORMATION

NCBI GI #	295849290
NCBI GeneID	6866
NCBI Accession #	NP_001171525.1
NCBI GenBank Nucleotide #	NM_001178054.1
UniProt Accession #	Q9UHF0; Q6IAG2; Q71BC6; Q71BC9
Molecular Weight	11,358 Da
NCBI Official Full Name	tachykinin-3 isoform 2
NCBI Official Synonym Full Names	tachykinin 3
NCBI Official Symbol	TAC3
NCBI Official Synonym Symbols	NKB; HH10; NKNB; PRO1155; ZNEUROK1
NCBI Protein Information	tachykinin-3
UniProt Protein Name	Tachykinin-3
UniProt Gene Name	TAC3
UniProt Synonym Gene Names	NKNB; NKB

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://www.aaabiotech.com/human-elisa-kits/neurokinin-b-nkb/67512>