

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

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CATALOG #
AAA136244

REACTIVITY
Human

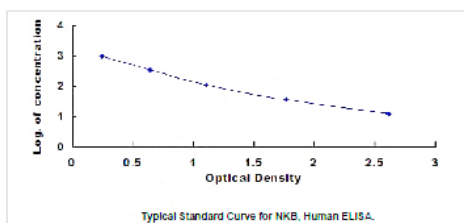
PRODUCT SYNONYMS

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	121
Assay Type	Competitive Inhibition
Samples	Serum, Plasma, Tissue homogenates, Cell lysates, Cell culture supernates and other biological fluids
Detection Range	9.88-800pg/mL
Sensitivity	3.48pg/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	The stability of kit is determined by the loss rate of activity. The loss rate of this kit is less than 5% within the expiration date under appropriate storage condition. To minimize extra influence on the performance, operation procedures and lab conditions, especially room temperature, air humidity, incubator temperature should be strictly controlled. It is also strongly suggested that the whole assay is performed by the same operator from the beginning to the end.

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.

Product Categories/Family for NKB elisa kit

Neuroscience; Hormone metabolism

NCBI AND UNIPROT INFORMATION

NCBI GI #	8572053
NCBI GeneID	6866
UniProt Accession #	Q9UHF0; Q6IAG2; Q71BC6; Q71BC9
Molecular Weight	11,358 Da
NCBI Official Full Name	neurokinin B
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
UniProt Entry Name	TKNK_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://www.aaabiotech.com/human-elisa-kits/neurokinin-b-nkb/136244>