

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

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CATALOG #
AAA249775

REACTIVITY
Mouse

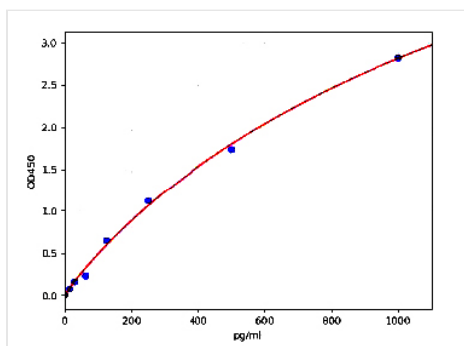
PRODUCT SYNONYMS

NKB (Neurokinin B); Mouse NKB (Neurokinin B) ELISA Kit; Tachykinin-3; Neurokinin B-like protein Zneurok1; Preprotachykinin-B; PPT-B; Neurokinin-B; NKB; Neuromedin-K; Tac3; Nknb; Tac2; NKB elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
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.
Assay Type	Competitive ELISA, Coated with Antigen
Samples	Serum, Plasma, Cell Culture Supernatant, cell or tissue lysate, Other liquid samples
Detection Range	15.625-1000pg/ml
Sensitivity	9.375pg/ml
Intra-assay Precision	CV<8%
Inter-assay Precision	CV<10%
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)

ADDITIONAL INFORMATION

Related Product Information for NKB elisa kit	Principle of the Assay: This kit was based on sandwich enzyme-linked immune-sorbent assay technology. Capture antibody was pre-coated onto 96-well plates. And the biotin conjugated antibody was used as detection antibodies. The standards, test samples and biotin conjugated detection antibody were added to the wells subsequently, and washed 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 target amount of sample captured in plate. Read the O.D. absorbance at 450nm in a microplate reader, and then the concentration of target can be calculated.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	316983122
NCBI GeneID	21334
NCBI Accession #	NP_001186900.1
NCBI GenBank Nucleotide #	NM_001199971.1
UniProt Accession #	P55099; Q9QXS9
Molecular Weight	12,737 Da
NCBI Official Full Name	tachykinin-3 preproprotein
NCBI Official Synonym Full Names	tachykinin 2
NCBI Official Symbol	Tac2
NCBI Official Synonym Symbols	Tac3; PPT-B
NCBI Protein Information	tachykinin-3
UniProt Protein Name	Tachykinin-3
UniProt Gene Name	Tac3
UniProt Synonym Gene Names	Nknb; Tac2; PPT-B; NKB
UniProt Entry Name	TKNK_MOUSE

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/mouse-elisa-kits/nkb-neurokinin-b/249775>