

Mouse Neurokinin B ELISA Kit | NKB elisa kit

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CATALOG #
AAA17093

REACTIVITY
Mouse

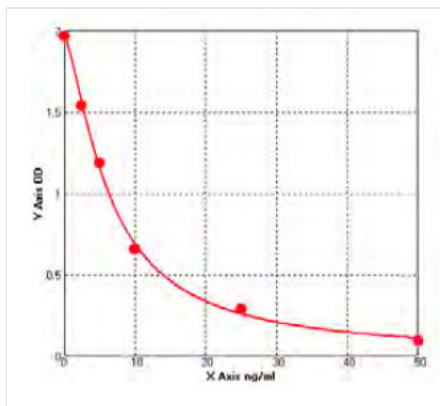
PRODUCT SYNONYMS

Neurokinin B; Mouse Neurokinin B ELISA Kit; 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. NOTE: Limited by current skills and knowledge, it is impossible for us to complete the cross-reactivity detection between NKB and all the analogues, therefore, cross reaction may still exist in some cases.
Assay Type	Quantitative Competitive
Samples	Serum, plasma, cell culture supernatants, body fluid and tissue homogenate
Sensitivity	0.1 ng/mL
Preparation and Storage	Store all reagents at 2-8 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for NKB elisa kit	Principle of the Assay: NKB ELISA kit applies the competitive enzyme immunoassay technique utilizing a polyclonal anti-NKB antibody and an NKB-HRP conjugate. The assay sample and buffer are incubated together with NKB-HRP conjugate in pre-coated plate for one hour. After the incubation period, the wells are decanted and washed five times. The wells are then incubated with a substrate for HRP enzyme. The product of the enzyme-substrate reaction forms a blue colored complex. Finally, a stop solution is added to stop the reaction, which will then turn the solution yellow. The intensity of color is measured spectrophotometrically at 450nm in a microplate reader. The intensity of the color is inversely proportional to the NKB concentration since NKB from samples and NKB-HRP conjugate compete for the anti-NKB antibody binding site. Since the number of sites is limited, as more sites are occupied by NKB from the sample, fewer sites are left to bind NKB-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The NKB concentration in each sample is interpolated from this standard curve. Intended Uses: This NKB ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Mouse NKB. This ELISA kit for research use only, not for therapeutic or diagnostic applications!
Product Categories/Family for NKB elisa kit	Neurobiology

NCBI AND UNIPROT INFORMATION

NCBI GI #	8572053
NCBI GeneID	6866
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; neurokinin b; neuromedin K; gamma tachykinin 3; preprotachykinin B; preprotachykinin-B
UniProt Protein Name	Tachykinin-3
UniProt Gene Name	TAC3
UniProt Synonym Gene Names	NKNB; UNQ585/PRO1155; 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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://www.aaabiotech.com/nkb-mouse-elisa-kits/neurokinin-b/17093>