

## Mouse Neurokinin B ELISA Kit | NKB elisa kit

Mouse Neurokinin B ELISA Kit

CATALOG #  
**AAA17093**

REACTIVITY  
**Mouse**

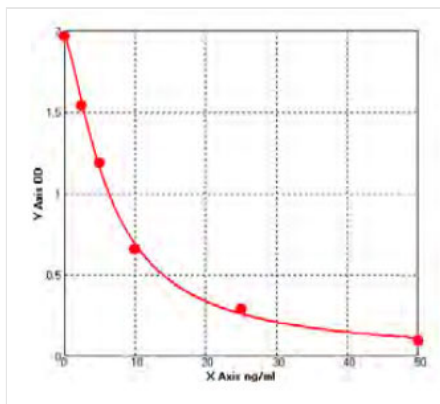
### PRODUCT SYNONYMS

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 | <p>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.</p> <p>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!</p> |
| 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.

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Online datasheet: <https://stage.aaabiotech.com/nkb-mouse-elisa-kits/neurokinin-b/17093>