

## Human NKB ELISA Kit | NKB elisa kit

Human NKB (Neurokinin B) ELISA Kit

CATALOG #  
**AAA165366**

REACTIVITY  
**Human**

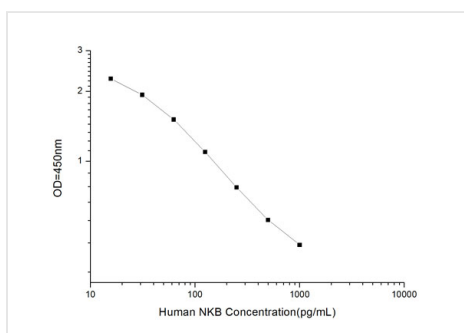
### PRODUCT SYNONYMS

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

### PRODUCT SPECIFICATIONS

|                         |                                                                                                                                                                                                                                                                                                                                                                                            |
|-------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Reactivity              | Human                                                                                                                                                                                                                                                                                                                                                                                      |
| Specificity             | This assay has high sensitivity and excellent specificity for detection of Human NKB. No significant cross-reactivity or interference between Human NKB and analogues was observed. Note: Limited by current skills and knowledge, it is impossible for us to complete the cross- reactivity detection between Human NKB and all the analogues, therefore, cross reaction may still exist. |
| Sequence Length         | 126                                                                                                                                                                                                                                                                                                                                                                                        |
| Samples                 | Serum, Plasma, Biological Fluids                                                                                                                                                                                                                                                                                                                                                           |
| Assay Type              | Competitive                                                                                                                                                                                                                                                                                                                                                                                |
| Detection Range         | 15.625-1000pg/mL                                                                                                                                                                                                                                                                                                                                                                           |
| Sensitivity             | Min: 9.375pg/mL; Max: 1000pg/mL                                                                                                                                                                                                                                                                                                                                                            |
| Preparation and Storage | Store at 4 degree C.                                                                                                                                                                                                                                                                                                                                                                       |

### IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

|                                               |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
|-----------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Related Product Information for NKB elisa kit | <p><b>Description:</b> The kit is a competitive enzyme immunoassay for in vitro quantitative measurement of NKB in human serum, plasma and other biological fluids</p> <p><b>Principle of the Assay:</b> This ELISA kit uses Competitive-ELISA as the method. The microtiter plate provided in this kit has been pre-coated with Human NKB. During the reaction, Human NKB in the sample or standard competes with a fixed amount of Human NKB on the solid phase supporter for sites on the Biotinylated Detection Ab specific to Human NKB. Excess conjugate and unbound sample or standard are washed from the plate, and Avidin conjugated to Horseradish Peroxidase (HRP) is added to each microplate well and incubated. Then a TMB substrate solution is added to each well. The enzyme-substrate reaction is terminated by the addition of a sulphuric acid solution and the color change is measured spectrophotometrically at a wavelength of 450 nm +/- 2 nm. The concentration of Human NKB in the samples is then determined by comparing the O.D. of the samples to the standard curve.</p> |
|-----------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

NCBI AND UNIPROT INFORMATION

|                               |                            |
|-------------------------------|----------------------------|
| NCBI GI #                     | 55741789                   |
| NCBI GeneID                   | 492314                     |
| NCBI Accession #              | NP_001007197.1             |
| NCBI GenBank Nucleotide #     | NM_001007196.1             |
| UniProt Accession #           | P67934; P01292; Q5UAF7     |
| Molecular Weight              | 13,651 Da                  |
| NCBI Official Full Name       | neurokinin-B               |
| NCBI Official Symbol          | TAC3                       |
| NCBI Official Synonym Symbols | NKB; NKNB                  |
| NCBI Protein Information      | neurokinin-B; Neuromedin-K |
| UniProt Protein Name          | Neurokinin-B               |
| UniProt Gene Name             | TAC3                       |
| UniProt Synonym Gene Names    | NKNB; NKB                  |
| UniProt Entry Name            | TKNK_PIG                   |

**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/human-elisa-kits/nkb/165366>