

## Human Neurotensin ELISA Kit | NTs elisa kit

Human Neurotensin ELISA Kit

CATALOG #  
**AAA102361**

REACTIVITY  
**Human**

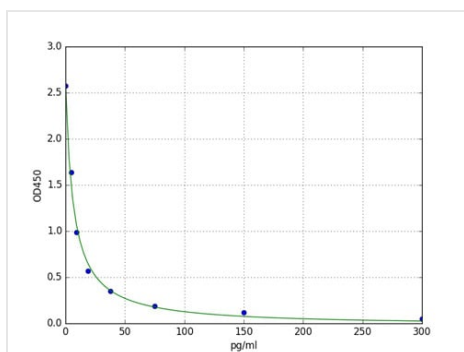
### PRODUCT SYNONYMS

Neurotensin; Human Neurotensin ELISA Kit; NT (Neurotensin)/NTS/neuromedin N/NN/NT/ (NT/N)/NTS1/NMN-125; NTs elisa kit

### PRODUCT SPECIFICATIONS

|                         |                                                                                                                                                              |
|-------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Reactivity              | Human                                                                                                                                                        |
| Assay Type              | Competitive ELISA, Coated with Antigen                                                                                                                       |
| Samples                 | Serum, Plasma, Cell Culture Supernatant, cell or tissue lysate, Other liquid samples                                                                         |
| Detection Range         | 1.563-100pg/ml                                                                                                                                               |
| Sensitivity             | 0.938pg/ml                                                                                                                                                   |
| 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)

#### Typical Data & Standard Curve

Results of a typical standard run of a Human NTS ELISA Kit are shown below. This standard curve was generated at our lab for demonstration purpose only. Each user should obtain their own standard curve as per experiment. (N/A=not applicable)

| X | pg/ml | 0     | 78    | 156   | 312.5 | 625   | 1250  | 2500  | 5000  |
|---|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| Y | OD450 | 2.176 | 1.818 | 1.565 | 1.227 | 0.864 | 0.630 | 0.434 | 0.344 |

Standard Curve (Sample)

### ADDITIONAL INFORMATION

#### Related Product Information for NTs elisa kit

Principle of the Assay||This ELISA kit uses Competitive-ELISA as the method. The microtiter plate provided in this kit has been pre-coated with Human NTS. During the reaction, Human NTS in the sample or standard competes with a fixed amount of Human NTS on the solid phase supporter for sites on the Biotinylated Detection Antibody specific to Human NTS. Excess conjugate and unbound sample or standard are washed from the plate, and HRP-Streptavidin (SABC) 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. The concentration of Human NTS in the samples is then determined by comparing the O.D. of the samples to the standard curve.

**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.