

## Rat Netrin-1 ELISA Kit | Ntn1 elisa kit

Rat Netrin-1 ELISA Kit

CATALOG #  
**AAA85700**

REACTIVITY  
**Rat**

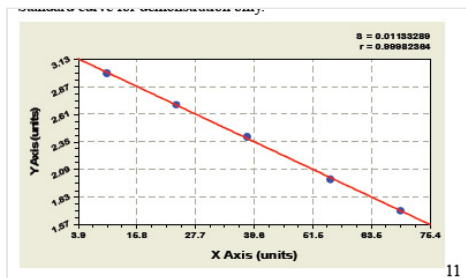
### PRODUCT SYNONYMS

Netrin-1; Rat Netrin-1 ELISA Kit; Ntn1 elisa kit

### PRODUCT SPECIFICATIONS

|                         |                                                                            |
|-------------------------|----------------------------------------------------------------------------|
| Reactivity              | Rat                                                                        |
| Samples                 | Serum, plasma, Cell Culture Supernatants, body fluid and tissue homogenate |
| Assay Type              | Competitive or Sandwich                                                    |
| Detection Range         | 50-1000 pg/mL                                                              |
| Sensitivity             | 1.0pg/ml                                                                   |
| Preparation and Storage | Store all reagents at 2-8 degree C.                                        |

### IMAGES



### ADDITIONAL INFORMATION

**Related Product Information for Ntn1 elisa kit**

**Intended Uses:** This NTn1 ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Rat NTn1. This ELISA kit for research use only!

**Principle of the Assay:** NTn1 ELISA kit applies the competitive enzyme immunoassay technique utilizing a monoclonal anti-NTn1 antibody and an NTn1-HRP conjugate. The assay sample and buffer are incubated together with NTn1-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 NTn1 concentration since NTn1 from samples and NTn1-HRP conjugate compete for the anti-NTn1 antibody binding site. Since the number of sites is limited, as more sites are occupied by NTn1 from the sample, fewer sites are left to bind NTn1-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The NTn1 concentration in each sample is interpolated from this standard curve.

**Product Categories/Family for Ntn1 elisa kit**

Neurobiology

NCBI AND UNIPROT INFORMATION

|                                  |                                                                          |
|----------------------------------|--------------------------------------------------------------------------|
| NCBI GI #                        | 148613884                                                                |
| NCBI GeneID                      | 9423                                                                     |
| NCBI Accession #                 | NP_004813.2                                                              |
| NCBI GenBank Nucleotide #        | NM_004822.2                                                              |
| Molecular Weight                 | 67,748 Da                                                                |
| NCBI Official Full Name          | netrin-1                                                                 |
| NCBI Official Synonym Full Names | netrin 1                                                                 |
| NCBI Official Symbol             | NTN1                                                                     |
| NCBI Official Synonym Symbols    | NTN1L                                                                    |
| NCBI Protein Information         | netrin-1; netrin 1, mouse, homolog of; epididymis tissue protein Li 131P |
| UniProt Protein Name             | Netrin-1                                                                 |
| UniProt Gene Name                | <b>NTN1</b>                                                              |
| UniProt Synonym Gene Names       | NTN1L                                                                    |
| UniProt Entry Name               | NET1_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/ntn1-rat-elisa-kits/netrin-1/85700>