

## Rat RTN4/Reticulon-4 ELISA Kit | RTN4 elisa kit

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CATALOG #  
**AAA196627**

REACTIVITY  
**Rat**

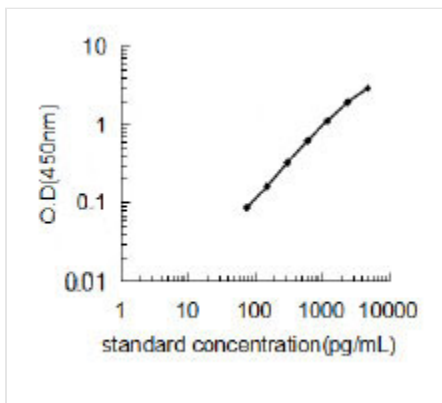
### PRODUCT SYNONYMS

RTN4/Reticulon-4; Rat RTN4/Reticulon-4 ELISA Kit; Reticulon-4; Foocen; Glut4 vesicle 20 kDa protein; Neurite outgrowth inhibitor; Nogo protein; Nogo; RTN4 elisa kit

### PRODUCT SPECIFICATIONS

|                         |                                                                                       |
|-------------------------|---------------------------------------------------------------------------------------|
| Reactivity              | Rat                                                                                   |
| Specificity             | Recombinant and natural Rat Reticulon-4                                               |
| Sequence Length         | 1163                                                                                  |
| Samples                 | Serum, plasma, tissue homogenates, cell culture supernates or other biological fluids |
| Detection Range         | 78-5000 pg/mL                                                                         |
| Sensitivity             | < 40.6 pg/mL                                                                          |
| Intra-assay Precision   | <=6.1%                                                                                |
| Inter-assay Precision   | <=9.8%                                                                                |
| Preparation and Storage | For long term storage, please store the entire kit at -20 degree C.                   |

### IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

|                                                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
|------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Related Product Information for RTN4 elisa kit | <p>Principle of the Assay: The microtiter plate provided in this kit has been pre-coated with an antibody specific to target antigen. Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated antibody preparation specific for target antigen and then avidin conjugated to Horseradish Peroxidase (HRP) is added to each microplate well and incubated. Then a TMB substrate solution is added to each well. Only those wells that contain target antigen, biotin-conjugated antibody and enzyme-conjugated Avidin will exhibit a change in color. 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 target antigen in the samples is then determined by comparing the O.D. of the samples to the standard curve.</p> <p>Intended Uses: This immunoassay kit allows for the in vitro quantitative determination of target antigen concentrations in serum, plasma, tissue homogenates, cell culture supernates or other biological fluids.</p> |
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NCBI AND UNIPROT INFORMATION

|                                  |                                                 |
|----------------------------------|-------------------------------------------------|
| NCBI GI #                        | 13929188                                        |
| NCBI GeneID                      | 83765                                           |
| NCBI Accession #                 | NP_114019.1                                     |
| NCBI GenBank Nucleotide #        | NM_031831.1                                     |
| UniProt Accession #              | Q9JK11                                          |
| NCBI Official Full Name          | reticulon-4                                     |
| NCBI Official Synonym Full Names | reticulon 4                                     |
| NCBI Official Symbol             | Rtn4                                            |
| NCBI Official Synonym Symbols    | r; Nogo; Vp20; rat N; NI-250; Nogo-A; rat NogoA |
| NCBI Protein Information         | reticulon-4                                     |
| UniProt Protein Name             | Reticulon-4                                     |
| UniProt Gene Name                | <b>Rtn4</b>                                     |
| UniProt Synonym Gene Names       | Nogo; Nogo protein                              |
| UniProt Entry Name               | RTN4_RAT                                        |

**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/rat-elisa-kits/rtn4-reticulon-4/196627>