

## Mouse Neuropilin-1 ELISA Kit | NRP1 elisa kit

Mouse Neuropilin-1 ELISA Kit

CATALOG #  
AAA100756

REACTIVITY  
Mouse

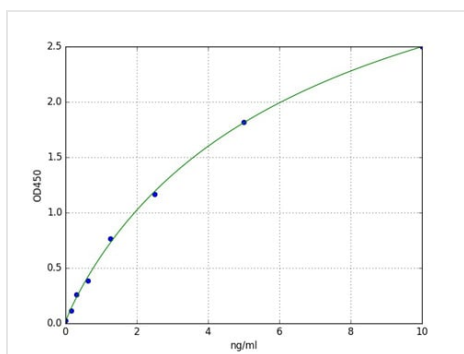
### PRODUCT SYNONYMS

Neuropilin-1; Mouse Neuropilin-1 ELISA Kit; Neuropilin-1/NRP1 (Neuropilin 1)/BDCA-4/CD304/BDCA4/CD304 antigen/neuropilin 1/neuropilin-1/NRPNP1/transmembrane receptor/Vascular endothelial cell growth factor 165 receptor/VEGF165R; NRP1 elisa kit

### PRODUCT SPECIFICATIONS

|                         |                                                                                                                                                              |
|-------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Reactivity              | Mouse                                                                                                                                                        |
| Sequence Length         | 923                                                                                                                                                          |
| Assay Type              | Sandwich ELISA, Double Antibody                                                                                                                              |
| Samples                 | Serum, Plasma, Cell Culture Supernatant, cell or tissue lysate, Other liquid samples                                                                         |
| Detection Range         | 0.156-10ng/ml                                                                                                                                                |
| Sensitivity             | 0.094ng/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 Mouse Neuropilin- 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 | ng/ml | 0     | 0.156 | 0.313 | 0.625 | 1.25  | 2.5   | 5     | 10    |
|---|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| Y | OD450 | 0.004 | 0.109 | 0.202 | 0.404 | 0.750 | 1.116 | 1.656 | 2.110 |

Standard Curve (Sample)

### ADDITIONAL INFORMATION

#### Related Product Information for NRP1 elisa kit

Principle of the Assay||This kit was based on sandwich enzyme-linked immune-sorbent assay technology. anti-Mouse Neuropilin- antibody was pre-coated onto 96-well plates. And the biotin conjugated anti-Mouse Neuropilin-antibody was used as detection antibodies. The standards, test samples and biotin conjugated detection antibody were added to the wells subsequently, and wash with wash buffer. HRP-Streptavidin was added and unbound conjugates were washed away with wash buffer. TMB substrates were used to visualize HRP enzymatic reaction. TMB was catalyzed by HRP to produce a blue color product that changed into yellow after adding acidic stop solution. The density of yellow is proportional to the Mouse Neuropilin- amount of sample captured in plate. Read the O.D. absorbance at 450nm in a microplate reader, and then the concentration of Mouse Neuropilin- can be calculated.

NCBI AND UNIPROT INFORMATION

|                                  |                                  |
|----------------------------------|----------------------------------|
| NCBI GI #                        | 182508169                        |
| NCBI GeneID                      | 8829                             |
| NCBI Accession #                 | NP_003864.4                      |
| NCBI GenBank Nucleotide #        | NM_003873.5                      |
| Molecular Weight                 | 68,376 Da                        |
| NCBI Official Full Name          | neuropilin-1 isoform a           |
| NCBI Official Synonym Full Names | neuropilin 1                     |
| NCBI Official Symbol             | NRP1                             |
| NCBI Official Synonym Symbols    | NP1; NRP; BDCA4; CD304; VEGF165R |
| NCBI Protein Information         | neuropilin-1                     |
| UniProt Protein Name             | Neuropilin-1                     |
| UniProt Gene Name                | <b>NRP1</b>                      |
| UniProt Synonym Gene Names       | NRP; VEGF165R                    |
| UniProt Entry Name               | NRP1_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/mouse-elisa-kits/neuropilin-1/100756>