

## Rat CNTN4 ELISA Kit | CNTN4 elisa kit

Rat CNTN4(Contactin 4) ELISA Kit

CATALOG #  
**AAA163702**

REACTIVITY  
**Rat**

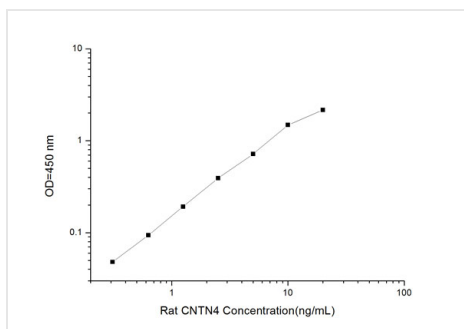
### PRODUCT SYNONYMS

CNTN4; Rat CNTN4(Contactin 4) ELISA Kit; CNTN4 elisa kit

### PRODUCT SPECIFICATIONS

|                         |                                                                                                                                                   |
|-------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------|
| Reactivity              | Rat                                                                                                                                               |
| Specificity             | This kit recognizes natural and recombinantRatCNTN4. No significant cross-reactivity or interference between RatCNTN4 and analogues was observed. |
| Sequence Length         | 1026                                                                                                                                              |
| Samples                 | Serum, Plasma, Biological Fluids                                                                                                                  |
| Assay Type              | Sandwich                                                                                                                                          |
| Detection Range         | 0.313-20ng/mL                                                                                                                                     |
| Sensitivity             | Min: 0.188ng/mL; Max: 20ng/mL                                                                                                                     |
| Preparation and Storage | Store at 4 degree C.                                                                                                                              |

### IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

|                                                 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
|-------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Related Product Information for CNTN4 elisa kit | <p>Intended Uses: This ELISA kit applies to the invitro quantitative determination of RatCNTN4concentrations in serum, plasma and other biological fluids.</p> <p>Principle of the Assay: This ELISA kit uses Sandwich-ELISA as the method. The micro ELISA plate provided in this kit has been pre-coated with an antibody specific to CNTN4. Standards or samples are added to the appropriate micro ELISA plate wells and combined with the specific antibody. Then a biotinylated detection antibody specific for CNTN4and Avidin-Horseradish Peroxidase (HRP) conjugate is added to each micro plate well successively and incubated. Free components are washed away. The substrate solution is added to each well. Only those wells that contain CNTN4, biotinylated detection antibody and Avidin-HRP conjugate will appear blue in color. The enzyme-substrate reaction is terminated by the addition of a sulphuric acid solution and the color turns yellow. The optical density (OD) is measured spectrophotometrically at a wavelength of 450 nm +/- 2 nm. The OD value is proportional to the concentration of CNTN4. You can calculate the concentration of CNTN4in the samples by comparing the OD of the samples to the standard curve.</p> |
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NCBI AND UNIPROT INFORMATION

|                                  |                                                                                                                                               |
|----------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------|
| NCBI GI #                        | 332688245                                                                                                                                     |
| NCBI GeneID                      | 152330                                                                                                                                        |
| NCBI Accession #                 | NP_001193884.1                                                                                                                                |
| NCBI GenBank Nucleotide #        | NM_001206955.1                                                                                                                                |
| UniProt Accession #              | Q8IWW2; Q8IX14; Q8TC35; B2RAX3                                                                                                                |
| Molecular Weight                 | 76,655 Da                                                                                                                                     |
| NCBI Official Full Name          | contactin-4 isoform a                                                                                                                         |
| NCBI Official Synonym Full Names | contactin 4                                                                                                                                   |
| NCBI Official Symbol             | CNTN4                                                                                                                                         |
| NCBI Official Synonym Symbols    | AXCAM; BIG-2                                                                                                                                  |
| NCBI Protein Information         | contactin-4; axonal-associated cell adhesion molecule; brain-derived immunoglobulin superfamily protein 2; neural cell adhesion protein BIG-2 |
| UniProt Protein Name             | Contactin-4                                                                                                                                   |
| UniProt Gene Name                | CNTN4                                                                                                                                         |
| UniProt Synonym Gene Names       | BIG-2                                                                                                                                         |
| UniProt Entry Name               | CNTN4_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.