

## Human Nectin 4 ELISA Kit | NECTIN4 elisa kit

Human Nectin 4 ELISA Kit

CATALOG #  
**AAA263066**

REACTIVITY  
**Human**

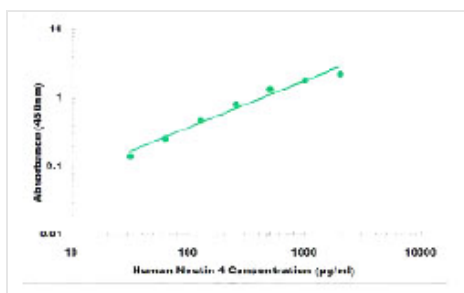
### PRODUCT SYNONYMS

Nectin 4; Human Nectin 4 ELISA Kit; LNIR; PRR4; PVRL4; Poliovirus receptor-related protein 4; Ig superfamily receptor LNIR; Nectin-4; NECTIN4 elisa kit

### PRODUCT SPECIFICATIONS

|                         |                                                                                                                                                                                                  |
|-------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Reactivity              | Human                                                                                                                                                                                            |
| Specificity             | The Human Nectin 4 ELISA Kit allows for the detection and quantification of endogenous levels of natural and/or recombinant Human Nectin 4 proteins within the range of 31.2 pg/ml - 2000 pg/ml. |
| Sequence Length         | 510                                                                                                                                                                                              |
| Samples                 | Cell Culture Supernates, Serum, Plasma, Cell Lysates, Tissue Homogenates, Urine                                                                                                                  |
| Sensitivity             | <10 pg/ml                                                                                                                                                                                        |
| Preparation and Storage | Shipped and store at 4 degree C for 6 months, store at -20 degree C for one year. Avoid freeze/thaw cycles.                                                                                      |

### IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

|                                                   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
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| Related Product Information for NECTIN4 elisa kit | <p>Principle of the Assay: The Human Nectin 4 ELISA (Enzyme-Linked Immunosorbent Assay) kit is an in vitro enzyme-linked immunosorbent assay for the quantitative measurement of Human Nectin 4 in Cell Culture Supernates, Serum, Plasma, Cell Lysates, Tissue Homogenates, Urine. This assay employs an antibody specific for Human Nectin 4 coated on a 96-well plate. Standards and samples are pipetted into the wells and Nectin 4 present in a sample is bound to the wells by the immobilized antibody. The wells are washed and biotinylated anti-Human Nectin 4 antibody is added. After washing away unbound biotinylated antibody, HRP-conjugated streptavidin is pipetted to the wells. The wells are again washed, a TMB substrate solution is added to the wells and color develops in proportion to the amount of Nectin 4 bound. The Stop Solution changes the color from blue to yellow, and the intensity of the color is measured at 450 nm.</p> <p>Background: Nectin-4, also known as PVRL4, is an adhesion receptor of the immunoglobulin superfamily and functions in cell-cell adhesion. This gene is mapped to chromosome 1q23.3. The encoded protein contains two immunoglobulin-like (Ig-like) C2-type domains and one Ig-like V-type domain. It is involved in cell adhesion through trans-homophilic and -heterophilic interactions. It is a single-pass type I membrane protein. The soluble form is produced by proteolytic cleavage at the cell surface by the metalloproteinase ADAM17/TACE. The secreted form is found in both breast tumor cell lines and breast tumor patients. Mutations in this gene are the cause of ectodermal dysplasia-syndactyly syndrome type 1, an autosomal recessive disorder. Alternatively spliced transcript variants have been found but the full-length nature of the variant has not been determined.</p> |
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NCBI AND UNIPROT INFORMATION

|                                  |                                    |
|----------------------------------|------------------------------------|
| NCBI GI #                        | 222136611                          |
| NCBI GeneID                      | 81607                              |
| NCBI Accession #                 | NP_112178.2                        |
| NCBI GenBank Nucleotide #        | NM_030916.2                        |
| UniProt Accession #              | Q96NY8; Q96K15; B4DQW3             |
| Molecular Weight                 | 24,341 Da                          |
| NCBI Official Full Name          | nectin-4                           |
| NCBI Official Synonym Full Names | nectin cell adhesion molecule 4    |
| NCBI Official Symbol             | NECTIN4                            |
| NCBI Official Synonym Symbols    | LNIR; PRR4; EDSS1; PVRL4; nectin-4 |
| NCBI Protein Information         | nectin-4                           |
| UniProt Protein Name             | Nectin-4                           |
| UniProt Gene Name                | NECTIN4                            |
| UniProt Entry Name               | NECT4_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.