

## Human C-type lectin domain family 2, member D ELISA Kit | CLEC2D elisa kit

Human C-type lectin domain family 2 member D, CLEC2D ELISA Kit

CATALOG #  
**AAA18306**

REACTIVITY  
**Human**

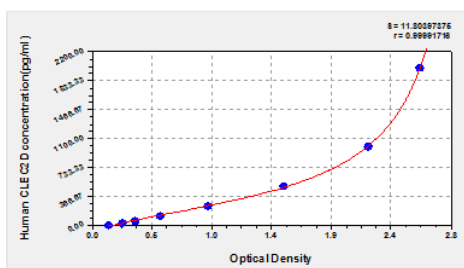
### PRODUCT SYNONYMS

C-type lectin domain family 2; member D; Human C-type lectin domain family 2 member D; CLEC2D ELISA Kit; Human C-type lectin domain family 2 member D (CLEC2D) ELISA kit; CLAX; LLT1; OCIL; C-type lectin related f; C-type lectin superfamily 2; lectin-like NK cell receptor; lectin-like transcript 1; osteoclast inhibitory lectin; CLEC2D elisa kit

### PRODUCT SPECIFICATIONS

|                         |                                                                                                                                                                                           |
|-------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Reactivity              | Human                                                                                                                                                                                     |
| Specificity             | This assay has high sensitivity and excellent specificity for detection of human CLEC2D. No significant cross-reactivity or interference between human CLEC2D and analogues was observed. |
| Sequence Length         | 194                                                                                                                                                                                       |
| Assay Type              | Quantitative Sandwich                                                                                                                                                                     |
| Samples                 | Serum, plasma, tissue homogenates, cell lysates                                                                                                                                           |
| Detection Range         | 31.25 pg/ml-2000 pg/ml                                                                                                                                                                    |
| Sensitivity             | < 7.81 pg/ml                                                                                                                                                                              |
| Intra-assay Precision   | Intra-assay Precision (Precision within an assay): CV%<8%. Three samples of known concentration were tested twenty times on one plate to assess.                                          |
| Inter-assay Precision   | Inter-assay Precision (Precision between assays): CV%<10%. Three samples of known concentration were tested in twenty assays to assess.                                                   |
| Preparation and Storage | Unopened test kits should be stored at 2 to 8 degree C upon receipt. Please refer to pdf manual for further storage instructions.                                                         |

### IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

|                                                  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
|--------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Related Product Information for CLEC2D elisa kit | Principle of the Assay: This assay employs the quantitative sandwich enzyme immunoassay technique. Antibody specific for CLEC2D has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any CLEC2D present is bound by the immobilized antibody. After removing any unbound substances, a biotin-conjugated antibody specific for CLEC2D is added to the wells. After washing, avidin conjugated Horseradish Peroxidase (HRP) is added to the wells. Following a wash to remove any unbound avidin-enzyme reagent, a substrate solution is added to the wells and color develops in proportion to the amount of CLEC2D bound in the initial step. The color development is stopped and the intensity of the color is measured. |
| References                                       | <a href="#">Expression of Lectin-Like Transcript 1, the Ligand for CD161, in Rheumatoid Arthritis</a> . Paulina Chalan, Johan Bijzet, Minke G. Huitema, Bart-Jan Kroesen, Elisabeth Brouwer, Annemieke M. H. Boots (2015)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |

NCBI AND UNIPROT INFORMATION

|                                  |                                                                                                                                                                                                     |
|----------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| NCBI GI #                        | 52426782                                                                                                                                                                                            |
| NCBI GeneID                      | 29121                                                                                                                                                                                               |
| NCBI Accession #                 | NP_001004419.1                                                                                                                                                                                      |
| NCBI GenBank Nucleotide #        | NM_001004419.4                                                                                                                                                                                      |
| UniProt Accession #              | Q9UHP7; Q6YID5; Q8WUP7; Q9HD37; Q9HD38; D6CI39; D6CI40; D6CI41                                                                                                                                      |
| Molecular Weight                 | 21,849 Da                                                                                                                                                                                           |
| NCBI Official Full Name          | C-type lectin domain family 2 member D isoform 2                                                                                                                                                    |
| NCBI Official Synonym Full Names | C-type lectin domain family 2, member D                                                                                                                                                             |
| NCBI Official Symbol             | CLEC2D                                                                                                                                                                                              |
| NCBI Official Synonym Symbols    | CLAX; LLT1; OCIL                                                                                                                                                                                    |
| NCBI Protein Information         | C-type lectin domain family 2 member D; LLT-1; C-type lectin related f; lectin-like transcript 1; lectin-like NK cell receptor; osteoclast inhibitory lectin; C-type lectin superfamily 2, member D |
| UniProt Protein Name             | C-type lectin domain family 2 member D                                                                                                                                                              |
| UniProt Gene Name                | CLEC2D                                                                                                                                                                                              |
| UniProt Synonym Gene Names       | CLAX; LLT1; OCIL; LLT-1                                                                                                                                                                             |
| UniProt Entry Name               | CLC2D_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/clec2d-human-elisa-kits/c-type-lectin-domain-family-2-member-d/18306>