

## Rat C-type lectin domain family 2 member D (CLEC2D) ELISA Kit | CLEC2D elisa kit

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CATALOG #  
**AAA246800**

REACTIVITY  
**Rat**

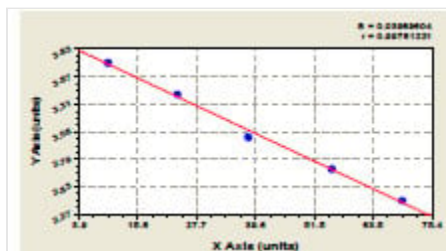
### PRODUCT SYNONYMS

C-type lectin domain family 2 member D (CLEC2D); Rat C-type lectin domain family 2 member D (CLEC2D) ELISA Kit; CLEC2D elisa kit

### PRODUCT SPECIFICATIONS

|                         |                                                                            |
|-------------------------|----------------------------------------------------------------------------|
| Reactivity              | Rat                                                                        |
| Samples                 | Serum, plasma, Cell Culture Supernatants, body fluid and tissue homogenate |
| Assay Type              | Competitive                                                                |
| Detection Range         | 1.0-25ng/mL                                                                |
| Sensitivity             | 0.1ng/ml                                                                   |
| Preparation and Storage | Store all reagents at 2-8 degree C.                                        |

### IMAGES



Standard Curve (Sample)

### ADDITIONAL INFORMATION

#### Related Product Information for CLEC2D elisa kit

Intended Uses: This CLEC2D ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Rat CLEC2D. This ELISA kit for research use only!

Principle of the Assay||CLEC2D ELISA kit applies the competitive enzyme immunoassay technique utilizing a monoclonal anti-CLEC2D antibody and an CLEC2D-HRP conjugate. The assay sample and buffer are incubated together with CLEC2D-HRP conjugate in pre-coated plate for one hour. After the incubation period, the wells are decanted and washed five times. The wells are then incubated with a substrate for HRP enzyme. The product of the enzyme-substrate reaction forms a blue colored complex. Finally, a stop solution is added to stop the reaction, which will then turn the solution yellow. The intensity of color is measured spectrophotometrically at 450nm in a microplate reader. The intensity of the color is inversely proportional to the CLEC2D concentration since CLEC2D from samples and CLEC2D-HRP conjugate compete for the anti-CLEC2D antibody binding site. Since the number of sites is limited, as more sites are occupied by CLEC2D from the sample, fewer sites are left to bind CLEC2D-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The CLEC2D concentration in each sample is interpolated from this standard curve.

#### Product Categories/Family for CLEC2D elisa kit

Immunology

NCBI AND UNIPROT INFORMATION

|                                  |                                                                                                                                                                                  |
|----------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| NCBI GI #                        | 16716407                                                                                                                                                                         |
| NCBI GeneID                      | 93694                                                                                                                                                                            |
| NCBI Accession #                 | NP_444339.1                                                                                                                                                                      |
| NCBI GenBank Nucleotide #        | NM_053109.3                                                                                                                                                                      |
| Molecular Weight                 | 23,647 Da                                                                                                                                                                        |
| NCBI Official Full Name          | C-type lectin domain family 2 member D                                                                                                                                           |
| NCBI Official Synonym Full Names | C-type lectin domain family 2, member d                                                                                                                                          |
| NCBI Official Symbol             | Clec2d                                                                                                                                                                           |
| NCBI Official Synonym Symbols    | Clrb; Ocil; Clr-b                                                                                                                                                                |
| NCBI Protein Information         | C-type lectin domain family 2 member D; osteoclast inhibitory lectin; C-type lectin-related protein B; lectin-like transmembrane protein; C-type lectin-domain family 2 member D |
| UniProt Protein Name             | C-type lectin domain family 2 member D                                                                                                                                           |
| UniProt Gene Name                | Clec2d                                                                                                                                                                           |
| UniProt Synonym Gene Names       | Clrb; Ocil; Clr-b                                                                                                                                                                |
| UniProt Entry Name               | CLC2D_MOUSE                                                                                                                                                                      |

**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://www.aaabiotech.com/rat-elisa-kits/c-type-lectin-domain-family-2-member-d-clec2d/246800>