

## Mouse CD169 ELISA Kit | SIGLEC1 elisa kit

Mouse CD169 ELISA Kit

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| CATALOG #<br><b>AAA261796</b> | REACTIVITY<br><b>Mouse</b> | APPLICATIONS<br><b>ELISA</b> |
|-------------------------------|----------------------------|------------------------------|

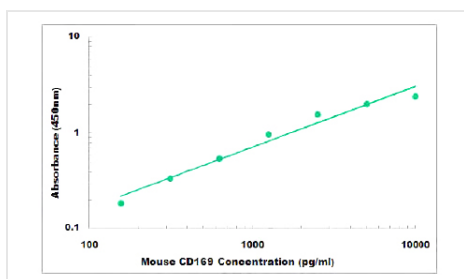
### PRODUCT SYNONYMS

CD169; Mouse CD169 ELISA Kit; SN; Sialoadhesin; Sialic acid-binding Ig-like lectin 1; Siglec-1; SIGLEC1 elisa kit

### PRODUCT SPECIFICATIONS

|                                               |                                                                                                                                                                                            |
|-----------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Reactivity                                    | Mouse                                                                                                                                                                                      |
| Specificity                                   | The Mouse CD169 ELISA Kit allows for the detection and quantification of endogenous levels of natural and/or recombinant Mouse CD169 proteins within the range of 156 pg/ml - 10000 pg/ml. |
| Sequence Length                               | 1695                                                                                                                                                                                       |
| Samples                                       | Cell Culture Supernatants, Serum, Plasma.                                                                                                                                                  |
| Sensitivity                                   | 10 pg/ml.                                                                                                                                                                                  |
| Applicable Applications for SIGLEC1 elisa kit | ELISA (Sandwich ELISA)                                                                                                                                                                     |
| 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 SIGLEC1 elisa kit | <p>Principle of the Assay  The Mouse CD169 ELISA (Enzyme-Linked Immunosorbent Assay) kit is an in vitro enzyme-linked immunosorbent assay for the quantitative measurement of Mouse CD169 in Cell Culture Supernatants, Serum, Plasma. This assay employs an antibody specific for Mouse CD169 coated on a 96-well plate. Standards and samples are pipetted into the wells and CD169 present in a sample is bound to the wells by the immobilized antibody. The wells are washed and biotinylated anti-Mouse CD169 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 CD169 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/Introduction: SIGLEC-1, also known as Sialoadhesin or CD169, is a cell adhesion molecule found on the surface of certain cells of the immune system called macrophages. This gene is mapped to 20p13. It belongs to the immunoglobulin superfamily (IgSF). Since sialoadhesin binds sialic acids with its N-terminal IgV-domain, it is also a member of the SIGLEC family. The localization and expression of SIGLEC-1 in humans has altered coincident with the evolutionary loss of Neu5Gc. SIGLEC-1-positive macrophages have a dual physiologic function. They act as innate 'flypaper' by preventing the systemic spread of lymph-borne pathogens and as critical gatekeepers at the lymph-tissue interface that facilitate the recognition of particulate antigens by B cells and initiate humoral immune responses.</p> |
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NCBI AND UNIPROT INFORMATION

|                                  |                                                    |
|----------------------------------|----------------------------------------------------|
| NCBI GI #                        | 347595712                                          |
| NCBI GeneID                      | 20612                                              |
| UniProt Accession #              | Q62230; O55216; Q62228; Q62229; D3YVZ3; D3YVZ4     |
| Molecular Weight                 | 172,769 Da                                         |
| NCBI Official Full Name          | Sialoadhesin                                       |
| NCBI Official Synonym Full Names | sialic acid binding Ig-like lectin 1, sialoadhesin |
| NCBI Official Symbol             | Siglec1                                            |
| NCBI Official Synonym Symbols    | Sn; Cd169; Siglec-1                                |
| NCBI Protein Information         | sialoadhesin                                       |
| UniProt Protein Name             | Sialoadhesin                                       |
| UniProt Gene Name                | <b>Siglec1</b>                                     |
| UniProt Synonym Gene Names       | Sa; Sn; SER; Siglec-1                              |
| UniProt Entry Name               | SN_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://stage.aaabiotech.com/siglec1-mouse-elisa-kits/cd169/261796>