

## Mouse CD69 ELISA Kit | CD69 elisa kit

Mouse CD69 PicoKine ELISA Kit

CATALOG #  
**AAA125260**

REACTIVITY  
**Mouse**

### PRODUCT SYNONYMS

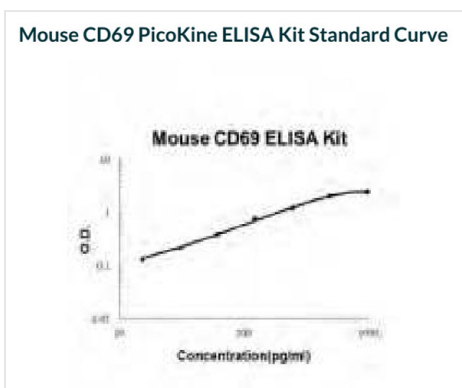
CD69; Mouse CD69 PicoKine ELISA Kit; Mouse CD69; CD69 antigen; Early activation antigen CD69; Cd69; CD69 elisa kit

### PRODUCT SPECIFICATIONS

|                         |                                                                                                                                                       |
|-------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------|
| Reactivity              | Mouse                                                                                                                                                 |
| Specificity             | Natural and recombinant Mouse Cd69                                                                                                                    |
| Sequence Length         | 199                                                                                                                                                   |
| Samples                 | Cell culture supernatants, serum and plasma (heparin, EDTA, citrate)                                                                                  |
| Detection Range         | 15.6 pg/ml - 1,000 pg/ml                                                                                                                              |
| Sensitivity             | <20 pg/ml                                                                                                                                             |
| Intra-assay Precision   | Intra-Assay Precision (Precision within an assay): Three samples of known concentration were tested on one plate to assess intra-assay precision.     |
| Inter-assay Precision   | Inter-Assay Precision (Precision across assays): Three samples of known concentration were tested in separate assays to assess inter-assay precision. |
| Preparation and Storage | Store at 4 degree C for 6 months. Store at -20 degree C for 12 months. Avoid multiple freeze-thaw cycles.                                             |

### IMAGES

Mouse CD69 PicoKine ELISA Kit Standard Curve



Standard Curve (Sample)

ADDITIONAL INFORMATION

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| Related Product Information for CD69 elisa kit | <p>Background: CD69 (Cluster of Differentiation 69) is a human transmembrane C-Type lectin protein encoded by the CD69 gene. This gene is mapped to 12p13.31. This gene encodes a member of the calcium dependent lectin superfamily of type II transmembrane receptors. Expression of the encoded protein is induced upon activation of T lymphocytes, and may play a role in proliferation. Furthermore, the protein may act to transmit signals in natural killer cells and platelets.</p> <p>Principle of the Assay: The Picokine™ Mouse Cd69 Pre-Coated ELISA (Enzyme-Linked Immunosorbent Assay) kit is a solid-phase immunoassay specially designed to measure Mouse Cd69 with a 96-well strip plate that is pre-coated with antibody specific for Cd69. The detection antibody is a biotinylated antibody specific for Cd69. The capture antibody is a monoclonal antibody from rat and the detection antibody is a biotinylated polyclonal antibody from goat. The kit includes Mouse Cd69 protein as standards. To measure Mouse Cd69, add standards and samples to the wells, then add the biotinylated detection antibody. Wash the wells with PBS or TBS buffer, and add Avidin-Biotin-Peroxidase Complex (ABC-HRP). Wash away the unbounded ABC-HRP with PBS or TBS buffer and add TMB. TMB is an HRP substrate and will be catalyzed to produce a blue color product, which changes into yellow after adding the acidic stop solution. The absorbance of the yellow product at 450nm is linearly proportional to Mouse Cd69 in the sample. Read the absorbance of the yellow product in each well using a plate reader, and benchmark the sample wells' readings against the standard curve to determine the concentration of Mouse Cd69 in the sample.</p> |
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NCBI AND UNIPROT INFORMATION

|                                  |                                   |
|----------------------------------|-----------------------------------|
| NCBI GI #                        | 84370294                          |
| NCBI GeneID                      | 12515                             |
| NCBI Accession #                 | NP_001028294.1                    |
| NCBI GenBank Nucleotide #        | NP_001028294.1                    |
| UniProt Accession #              | P37217                            |
| NCBI Official Full Name          | early activation antigen CD69     |
| NCBI Official Synonym Full Names | CD69 antigen                      |
| NCBI Official Symbol             | Cd69                              |
| NCBI Official Synonym Symbols    | AIM; VEA; AI452015; 5830438K24Rik |
| NCBI Protein Information         | early activation antigen CD69     |
| UniProt Protein Name             | Early activation antigen CD69     |
| UniProt Gene Name                | <b>Cd69</b>                       |
| UniProt Entry Name               | CD69_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.