

## Mouse CD97 ELISA Kit | CD97 elisa kit

Mouse CD97 (Cluster of Differentiation 97) ELISA Kit

CATALOG #  
**AAA164596**

REACTIVITY  
**Mouse**

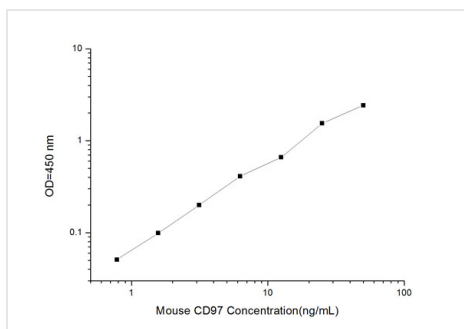
### PRODUCT SYNONYMS

CD97; Mouse CD97 (Cluster of Differentiation 97) ELISA Kit; CD97 elisa kit

### PRODUCT SPECIFICATIONS

|                         |                                                                                                                                                        |
|-------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------|
| Reactivity              | Mouse                                                                                                                                                  |
| Specificity             | This kit recognizes natural and recombinant Mouse CD97. No significant cross-reactivity or interference between Mouse CD97 and analogues was observed. |
| Sequence Length         | 835                                                                                                                                                    |
| Samples                 | Serum, Plasma, Biological Fluids                                                                                                                       |
| Assay Type              | Sandwich                                                                                                                                               |
| Detection Range         | 0.781-50ng/mL                                                                                                                                          |
| Sensitivity             | Min: 0.469ng/mL; Max: 50ng/mL                                                                                                                          |
| Preparation and Storage | Store at 4 degree C.                                                                                                                                   |

### IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

|                                                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
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| Related Product Information for CD97 elisa kit | <p>Intended Uses: This ELISA kit applies to the in vitro quantitative determination of Mouse CD97 concentrations in serum, plasma and other biological fluids.</p> <p>Principle of the Assay: This ELISA kit uses Sandwich-ELISA as the method. The micro ELISA plate provided in this kit has been pre-coated with an antibody specific to CD97. Standards or samples are added to the appropriate micro ELISA plate wells and combined with the specific antibody. Then a biotinylated detection antibody specific for CD97 and Avidin-Horseradish Peroxidase (HRP) conjugate is added to each micro plate well successively and incubated. Free components are washed away. The substrate solution is added to each well. Only those wells that contain CD97, biotinylated detection antibody and Avidin-HRP conjugate will appear blue in color. The enzyme-substrate reaction is terminated by the addition of a sulphuric acid solution and the color turns yellow. The optical density (OD) is measured spectrophotometrically at a wavelength of 450 nm +/- 2 nm. The OD value is proportional to the concentration of CD97. You can calculate the concentration of CD97 in the samples by comparing the OD of the samples to the standard curve.</p> |
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NCBI AND UNIPROT INFORMATION

|                                  |                                                                                                                                                                                      |
|----------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| NCBI GI #                        | 17978491                                                                                                                                                                             |
| NCBI GeneID                      | 976                                                                                                                                                                                  |
| NCBI Accession #                 | NP_510966.1                                                                                                                                                                          |
| NCBI GenBank Nucleotide #        | NM_078481.3                                                                                                                                                                          |
| UniProt Accession #              | P48960; O00718; O76101; Q8NG72; Q8TBQ7; A8K7Z4; B2RBJ9                                                                                                                               |
| Molecular Weight                 | 86,628 Da                                                                                                                                                                            |
| NCBI Official Full Name          | CD97 antigen isoform 1 preproprotein                                                                                                                                                 |
| NCBI Official Synonym Full Names | CD97 molecule                                                                                                                                                                        |
| NCBI Official Symbol             | CD97                                                                                                                                                                                 |
| NCBI Official Synonym Symbols    | TM7LN1                                                                                                                                                                               |
| NCBI Protein Information         | CD97 antigen; leukocyte antigen CD97; seven transmembrane helix receptor; seven-span transmembrane protein; seven-transmembrane, heterodimeric receptor associated with inflammation |
| UniProt Protein Name             | CD97 antigen                                                                                                                                                                         |
| UniProt Gene Name                | CD97                                                                                                                                                                                 |
| UniProt Entry Name               | CD97_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.