

## Mouse CD8 ELISA Kit | CD8 elisa kit

Mouse CD8 (Cluster of Differentiation 8) ELISA Kit

CATALOG #  
**AAA165960**

REACTIVITY  
**Mouse**

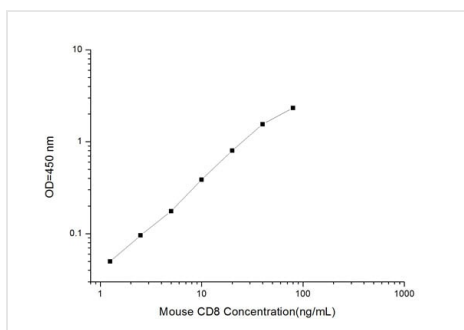
### PRODUCT SYNONYMS

CD8; Mouse CD8 (Cluster of Differentiation 8) ELISA Kit; CD8 elisa kit

### PRODUCT SPECIFICATIONS

|                         |                                                                                                                                                                          |
|-------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Reactivity              | Mouse                                                                                                                                                                    |
| Specificity             | This kit recognizes Mouse CD8 in samples. No significant cross-reactivity or interference between Mouse CD8 and analogues was observed.                                  |
| Sequence Length         | 235                                                                                                                                                                      |
| Samples                 | Serum, plasma and other biological fluids                                                                                                                                |
| Assay Type              | Quantitative Sandwich                                                                                                                                                    |
| Detection Range         | 1.25-80ng/mL                                                                                                                                                             |
| Sensitivity             | 0.75ng/mL                                                                                                                                                                |
| Intra-assay Precision   | Intra-assay Precision (Precision within an assay): 3 samples with low, mid range and high level Mouse CD8 were tested 20 times on one plate, respectively.               |
| Inter-assay Precision   | Inter-assay Precision (Precision between assays): 3 samples with low, mid range and high level Mouse CD8 were tested on 3 different plates, 20 replicates in each plate. |
| Preparation and Storage | Store at 4 degree C.                                                                                                                                                     |

### IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

|                                               |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
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| Related Product Information for CD8 elisa kit | <p>Intended Uses: This ELISA kit applies to the in vitro quantitative determination of Mouse CD8 concentrations in serum, plasma and other biological fluids.</p> <p>Principle of the Assay: This ELISA kit uses the Sandwich-ELISA principle. The micro ELISA plate provided in this kit has been pre-coated with an antibody specific to Mouse CD8. Standards or samples are added to the micro ELISA plate wells and combined with the specific antibody. Then a biotinylated detection antibody specific for Mouse CD8 and Avidin-Horseradish Peroxidase (HRP) conjugate are added successively to each micro plate well and incubated. Free components are washed away. The substrate solution is added to each well. Only those wells that contain Mouse CD8, biotinylated detection antibody and Avidin-HRP conjugate will appear blue in color. The enzyme-substrate reaction is terminated by the addition of stop 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 Mouse CD8. You can calculate the concentration of Mouse CD8 in the samples by comparing the OD of the samples to the standard curve.</p> |
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NCBI AND UNIPROT INFORMATION

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|-------------------------------|---------------------------------------------------------------------------------------------------------------|
| NCBI GI #                     | 47604958                                                                                                      |
| NCBI GeneID                   | 403158                                                                                                        |
| NCBI Accession #              | NP_990566.1                                                                                                   |
| NCBI GenBank Nucleotide #     | NM_205235.1                                                                                                   |
| NCBI Official Full Name       | CD8 antigen alpha polypeptide                                                                                 |
| NCBI Official Symbol          | CD8A                                                                                                          |
| NCBI Official Synonym Symbols | CD8                                                                                                           |
| NCBI Protein Information      | CD8 antigen alpha polypeptide; CD8 alpha chain; CD8 antigen, alpha polypeptide (p32); T-cell surface molecule |

**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.