

Rat CD8 ELISA Kit | CD8 elisa kit

Rat CD8 (Cluster of Differentiation 8) ELISA Kit

CATALOG #
AAA163859

REACTIVITY
Rat

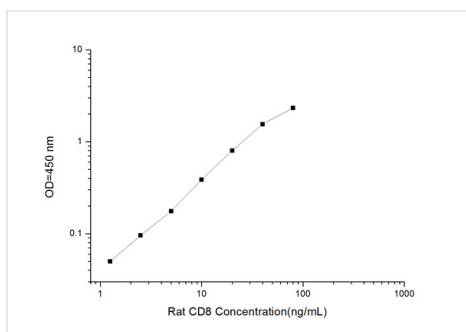
PRODUCT SYNONYMS

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

PRODUCT SPECIFICATIONS

Reactivity	Rat
Specificity	This kit recognizes Rat CD4 in samples. No significant cross-reactivity or interference between Rat CD4 and analogues was observed.
Sequence Length	235
Samples	Serum, Plasma And Other Biological Fluids
Assay Type	Quantitative Sandwich
Detection Range	31.25-2000pg/mL
Sensitivity	18.75pg/mL
Intra-assay Precision	Intra-assay Precision (Precision within an assay): 3 samples with low, mid range and high level Rat CD4 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 Rat CD4 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

Related Product Information for CD8 elisa kit	Intended Uses: This ELISA kit applies to the in vitro quantitative determination of Rat CD4 concentrations in serum, plasma and other biological fluids. 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 Rat CD4. Standards or samples are added to the micro ELISA plate wells and combined with the specific antibody. Then a biotinylated detection antibody specific for Rat CD4 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 Rat CD4, 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 Rat CD4. You can calculate the concentration of Rat CD4 in the samples by comparing the OD of the samples to the standard curve.
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NCBI AND UNIPROT INFORMATION

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.