

Mouse T-cell surface glycoprotein CD4, CD4 ELISA Kit | CD4 elisa kit

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CATALOG #
AAA123448

REACTIVITY
Mouse

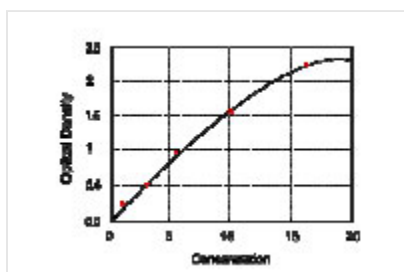
PRODUCT SYNONYMS

T-cell surface glycoprotein CD4; CD4; Mouse T-cell surface glycoprotein CD4; CD4 ELISA Kit; CD4 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Sequence Length	457
Samples	Serum, plasma, cell culture supernates, ascites, tissue homogenates or other biological fluids
Assay Type	Quantitative Sandwich
Detection Range	0.2-70ng/mL
Sensitivity	0.121ng/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. Intra-Assay: CV<8%
Inter-assay Precision	Inter-Assay Precision (Precision between assays) Three samples of known concentration were tested in separate assays to assess inter-assay precision. CV(%) = SD/mean x 100. Inter-Assay: CV<10%
Preparation and Storage	Store at 2 to 8 degree C for 6 months.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for CD4 elisa kit

Intended Uses: This sandwich kit is for the accurate quantitative detection of Mouse T-cell surface glycoprotein CD4 (also known as CD4) in serum, plasma, cell culture supernates, Ascites, tissue homogenates or other biological fluids.

Principle of the Assay: This kit is an Enzyme-Linked Immunosorbent Assay (ELISA). The plate has been pre-coated with Mouse CD4 antibody. CD4 present in the sample is added and binds to antibodies coated on the wells. And then biotinylated Mouse CD4 Antibody is added and binds to CD4 in the sample. Then Streptavidin-HRP is added and binds to the Biotinylated CD4 antibody. After incubation unbound Streptavidin-HRP is washed away during a washing step. Substrate solution is then added and color develops in proportion to the amount of Mouse CD4. The reaction is terminated by addition of acidic stop solution and absorbance is measured at 450 nm.

NCBI AND UNIPROT INFORMATION

NCBI GI #	6978631
NCBI GeneID	24932
NCBI GenBank Nucleotide #	NP_036837.1
UniProt Accession #	P05540
NCBI Official Full Name	T-cell surface glycoprotein CD4
NCBI Official Synonym Full Names	Cd4 molecule
NCBI Official Symbol	Cd4
NCBI Official Synonym Symbols	p55; W3/25
NCBI Protein Information	T-cell surface glycoprotein CD4
UniProt Protein Name	T-cell surface glycoprotein CD4
UniProt Gene Name	Cd4
UniProt Entry Name	CD4_RAT

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/mouse-elisa-kits/t-cell-surface-glycoprotein-cd4-cd4/123448>