

Rat T-cell surface glycoprotein CD4 ELISA Kit | Cd4 elisa kit

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CATALOG #
AAA102040

REACTIVITY
Rat

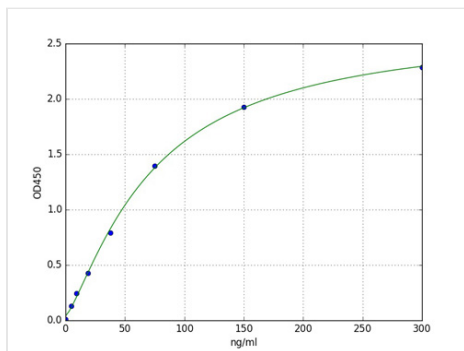
PRODUCT SYNONYMS

T-cell surface glycoprotein CD4; Rat T-cell surface glycoprotein CD4 ELISA Kit; Cd4/T-cell surface antigen T4/Leu-3/W3/25 antigen; Cd4 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Rat
Sequence Length	457
Assay Type	Sandwich ELISA, Double Antibody
Samples	Serum, Plasma, Cell Culture Supernatant, cell or tissue lysate, Other liquid samples
Detection Range	31.25-2000pg/ml
Sensitivity	18.75pg/ml
Preparation and Storage	Store entire kit at 2-8C for short-term. For longer-term, please store the microplate & standard at -20C, while the remaining reagents can be stored at 2-8C

IMAGES



Typical Data & Standard Curve

Results of a typical standard run of a Rat Cd4 ELISA Kit are shown below. This standard curve was generated at our lab for demonstration purpose only. Each user should obtain their own standard curve as per experiment. (N/A=not applicable)

X	ng/ml	0	4.688	9.375	18.75	37.5	75	150	300
Y	OD450	0.016	0.135	0.274	0.422	0.791	1.495	2.010	2.680

Standard Curve (Sample)

Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for Cd4 elisa kit

Principle of the Assay||This kit was based on sandwich enzyme-linked immune-sorbent assay technology. anti-Rat Cd4 antibody was pre-coated onto 96-well plates. And the biotin conjugated anti-Rat Cd4 antibody was used as detection antibodies. The standards, test samples and biotin conjugated detection antibody were added to the wells subsequently, and wash with wash buffer. HRP-Streptavidin was added and unbound conjugates were washed away with wash buffer. TMB substrates were used to visualize HRP enzymatic reaction. TMB was catalyzed by HRP to produce a blue color product that changed into yellow after adding acidic stop solution. The density of yellow is proportional to the Rat Cd4 amount of sample captured in plate. Read the O.D. absorbance at 450nm in a microplate reader, and then the concentration of Rat Cd4 can be calculated.

NCBI AND UNIPROT INFORMATION

NCBI GI #

6978631

NCBI GeneID	24932
NCBI Accession #	NP_036837.1
NCBI GenBank Nucleotide #	NM_012705.1
Molecular Weight	51,438 Da
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/rat-elisa-kits/t-cell-surface-glycoprotein-cd4/102040>