

Human T-cell-specific surface glycoprotein CD28 ELISA Kit | CD28 elisa kit

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CATALOG #
AAA98737

REACTIVITY
Human

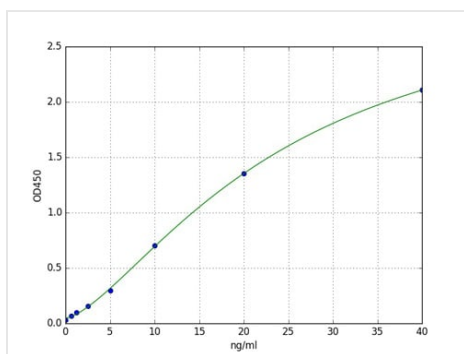
PRODUCT SYNONYMS

T-cell-specific surface glycoprotein CD28; Human T-cell-specific surface glycoprotein CD28 ELISA Kit; CD28/CD28 antigen/CD28 antigen (Tp44)/CD28 molecule/TP44/Tp44; CD28 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Sequence Length	218
Assay Type	Sandwich ELISA, Double Antibody
Samples	Serum, Plasma, Cell Culture Supernatant, cell or tissue lysate, Other liquid samples
Detection Range	0.625-40ng/ml
Sensitivity	0.375ng/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



Standard Curve (Sample)

Typical Data & Standard Curve

Results of a typical standard run of a Human CD28 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	0.625	1.25	2.5	5	10	20	40
Y	OD450	0.032	0.122	0.211	0.340	0.581	1.112	1.366	1.977

Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for CD28 elisa kit

Principle of the Assay||This kit was based on sandwich enzyme-linked immune-sorbent assay technology. Anti-Human CD28antibody was pre-coated onto 96-well plates. And the biotin conjugated anti-Human CD28 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. HRPStreptavidin 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 Human CD28 amount of sample captured in plate. Read the O.D. absorbance at 450nm in a microplate reader, and then the concentration ofHuman CD28can be calculated.

NCBI AND UNIPROT INFORMATION

NCBI GI #	6978625
NCBI GeneID	25660
NCBI Accession #	NP_037253.1
NCBI GenBank Nucleotide #	NM_013121.1
Molecular Weight	25,170 Da
NCBI Official Full Name	T-cell-specific surface glycoprotein CD28
NCBI Official Synonym Full Names	Cd28 molecule
NCBI Official Symbol	Cd28
NCBI Official Synonym Symbols	CD28RNA
NCBI Protein Information	T-cell-specific surface glycoprotein CD28
UniProt Protein Name	T-cell-specific surface glycoprotein CD28
UniProt Gene Name	Cd28
UniProt Entry Name	CD28_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/human-elisa-kits/t-cell-specific-surface-glycoprotein-cd28/98737>