

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

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CATALOG #
AAA44283

REACTIVITY
Human

PRODUCT SYNONYMS

T-cell-specific surface glycoprotein CD28 (CD28); Human T-cell-specific surface glycoprotein CD28 (CD28) ELISA Kit; CD28 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Sequence Length	218
Samples	Serum, plasma, cell culture supernates, cell lysates, tissue homogenates
Assay Type	Quantitative Sandwich
Detection Range	0.05ng/ml - 30ng/ml
Sensitivity	0.024ng/ml
Intra-Assay	CV<8%
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 CD28 elisa kit

Intended Uses: This sandwich kit is for the accurate quantitative detection of human T-cell-specific Surface Glycoprotein CD28 (also known as CD28) in serum, plasma, cell culture supernates, cell lysates, tissue homogenates.

Principles of the Assay: This kit is an Enzyme-Linked Immunosorbent Assay (ELISA). The plate has been pre-coated with human CD28 antibody. CD28 present in the sample is added and binds to antibodies coated on the wells. And then biotinylated human CD28 Antibody is added and binds to CD28 in the sample. Then Streptavidin-HRP is added and binds to the Biotinylated CD28 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 human CD28. The reaction is terminated by addition of acidic stop solution and absorbance is measured at 450 nm.

NCBI AND UNIPROT INFORMATION

NCBI GI #	161484597
NCBI GeneID	12487
NCBI Accession #	NP_031668.3
NCBI GenBank Nucleotide #	NM_007642.4
UniProt Accession #	P31041; Q6GSH7
Molecular Weight	25,243 Da
NCBI Official Full Name	T-cell-specific surface glycoprotein CD28
NCBI Official Synonym Full Names	CD28 antigen
NCBI Official Symbol	Cd28
NCBI Protein Information	T-cell-specific surface glycoprotein CD28
UniProt Protein Name	T-cell-specific surface glycoprotein CD28
UniProt Gene Name	Cd28

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-cd28/44283>