

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

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CATALOG #
AAA244298

REACTIVITY
Mouse

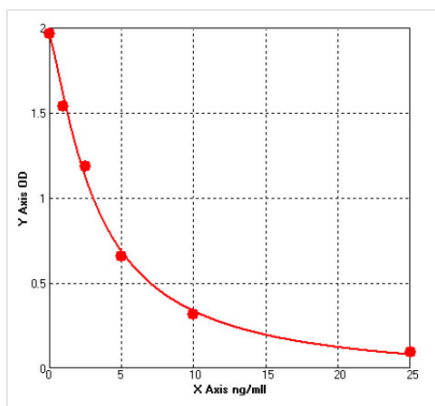
PRODUCT SYNONYMS

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

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Specificity	This assay has high sensitivity and excellent specificity for detection of CD28. No significant cross-reactivity or interference between CD28 and analogues was observed. NOTE: Limited by current skills and knowledge, it is impossible for us to complete the cross-reactivity detection between CD28 and all the analogues, therefore, cross reaction may still exist in some cases.
Assay Type	Quantitative Competitive
Samples	Serum, plasma, cell culture supernatants, body fluid and tissue homogenate
Sensitivity	0.1 ng/mL
Preparation and Storage	Store all reagents at 2-8 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for CD28 elisa kit	Principle of the Assay: CD28 ELISA kit applies the competitive enzyme immunoassay technique utilizing a polyclonal anti-CD28 antibody and an CD28-HRP conjugate. The assay sample and buffer are incubated together with CD28-HRP conjugate in pre-coated plate for one hour. After the incubation period, the wells are decanted and washed five times. The wells are then incubated with a substrate for HRP enzyme. The product of the enzyme-substrate reaction forms a blue colored complex. Finally, a stop solution is added to stop the reaction, which will then turn the solution yellow. The intensity of color is measured spectrophotometrically at 450nm in a microplate reader. The intensity of the color is inversely proportional to the CD28 concentration since CD28 from samples and CD28-HRP conjugate compete for the anti-CD28 antibody binding site. Since the number of sites is limited, as more sites are occupied by CD28 from the sample, fewer sites are left to bind CD28-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The CD28 concentration in each sample is interpolated from this standard curve. Intended Uses: This CD28 ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Mouse CD28. This ELISA kit for research use only, not for therapeutic or test applications!
Product Categories/Family for CD28 elisa kit	Immunology

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; CD28 antigen
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.