

Rat CD28 ELISA Kit | CD28 elisa kit

Rat CD28 (Cluster of Differentiation 28) ELISA Kit

CATALOG #
AAA165818

REACTIVITY
Rat

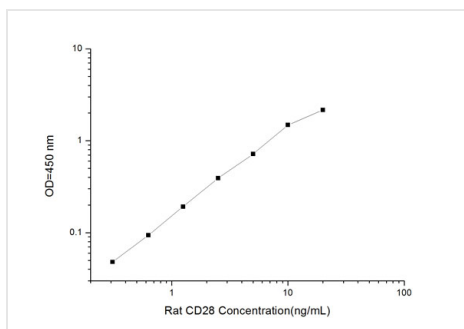
PRODUCT SYNONYMS

CD28; Rat CD28 (Cluster of Differentiation 28) ELISA Kit; CD28 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Rat
Specificity	This kit recognizes natural and recombinantRatCD28. No significant cross-reactivity or interference between RatCD28 and analogues was observed.
Sequence Length	63
Samples	Serum, Plasma, Biological Fluids
Assay Type	Sandwich
Detection Range	0.313-20ng/mL
Sensitivity	Min: 0.188ng/mL; Max: 20ng/mL
Preparation and Storage	Store at 4 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for CD28 elisa kit	Intended Uses: This ELISA kit applies to the invitro quantitative determination of RatCD28concentrations in serum, plasma and other biological fluids. Principle of the Assay: This ELISA kit uses Sandwich-ELISA as the method. The micro ELISA plate provided in this kit has been pre-coated with an antibody specific to CD28. Standards or samples are added to the appropriate micro ELISA plate wells and combined with the specific antibody. Then a biotinylated detection antibody specific for CD28and Avidin-Horseradish Peroxidase (HRP) conjugate is added to each micro plate well successively and incubated. Free components are washed away. The substrate solution is added to each well. Only those wells that contain CD28, biotinylated detection antibody and Avidin-HRP conjugate will appear blue in color. The enzyme-substrate reaction is terminated by the addition of a sulphuric acid solution and the color turns yellow. The optical density (OD) is measured spectrophotometrically at a wavelength of 450 nm +/- 2 nm. The OD value is proportional to the concentration of CD28.You can calculate the concentration of CD28in the samples by comparing the OD of the samples to the standard curve.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	192485
NCBI GeneID	12487
Molecular Weight	25,243 Da
NCBI Official Full Name	CD28, partial
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
UniProt Entry Name	CD28_MOUSE

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://www.aaabiotech.com/rat-elisa-kits/cd28/165818>