

Rat CD36 ELISA Kit | CD36 elisa kit

Rat CD36 ELISA Kit

CATALOG # AAA261776	REACTIVITY Rat	APPLICATIONS ELISA
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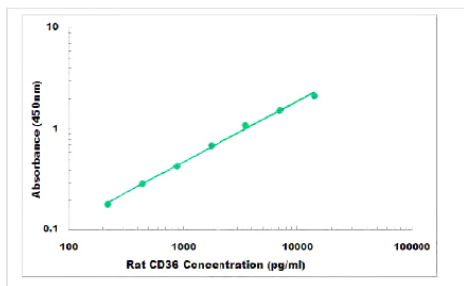
PRODUCT SYNONYMS

CD36; Rat CD36 ELISA Kit; GP3B; GP4; Platelet glycoprotein 4; Fatty acid translocase; FAT; Glycoprotein IIIb; GPIIIB; Leukocyte differentiation antigen CD36; PAS IV; PAS-4; Platelet collagen receptor; Platelet glycoprotein IV; GPIV; Thrombospondin receptor; CD36 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Rat
Specificity	The Rat CD36 ELISA Kit allows for the detection and quantification of endogenous levels of natural and/or recombinant Rat CD36 proteins within the range of 218 pg/ml - 14000 pg/ml.
Sequence Length	472
Samples	Cell Culture Supernatants, Serum, Plasma.
Sensitivity	10 pg/ml.
Applicable Applications for CD36 elisa kit	ELISA (Sandwich ELISA)
Preparation and Storage	Shipped and store at 4 degree C for 6 months, store at -20 degree C for one year. Avoid freeze/thaw cycles.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for CD36 elisa kit	Principle of the Assay The Rat CD36 ELISA (Enzyme-Linked Immunosorbent Assay) kit is an in vitro enzyme-linked immunosorbent assay for the quantitative measurement of Rat CD36 in Cell Culture Supernatants, Serum, Plasma. This assay employs an antibody specific for Rat CD36 coated on a 96-well plate. Standards and samples are pipetted into the wells and CD36 present in a sample is bound to the wells by the immobilized antibody. The wells are washed and biotinylated anti-Rat CD36 antibody is added. After washing away unbound biotinylated antibody, HRP-conjugated streptavidin is pipetted to the wells. The wells are again washed, a TMB substrate solution is added to the wells and color develops in proportion to the amount of CD36 bound. The Stop Solution changes the color from blue to yellow, and the intensity of the color is measured at 450 nm. Background/Introduction: CD36 (Cluster of Differentiation 36) is an integral membrane protein found on the surface of many cell types in vertebrate animals and is also known as FAT, SCARB3, GP88, glycoprotein IV (gpIV) and glycoprotein IIIb (gpIIIb). The human CD36 is a member of a gene family of structurally related glycoproteins and functions as a receptor for collagen type I and thrombospondin. The use of a CD36 genomic probe has allowed the localization of the CD36 locus to the 7q11.2 band by fluorescence in situ hybridization coupled with GTG-banding. CED-1/SCARF1 and C03F11.3/CD36 are beta-glucan binding receptors and define an evolutionarily conserved pathway for the innate sensing of fungal pathogens.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	146345388
NCBI GeneID	29184
UniProt Accession #	Q07969; Q925W0
Molecular Weight	52,731 Da
NCBI Official Full Name	Platelet glycoprotein 4
NCBI Official Synonym Full Names	CD36 molecule
NCBI Official Symbol	Cd36
NCBI Official Synonym Symbols	Fat; RGD1562323
NCBI Protein Information	platelet glycoprotein 4
UniProt Protein Name	Platelet glycoprotein 4
UniProt Gene Name	Cd36
UniProt Synonym Gene Names	Fat; GPIIB; GPIV
UniProt Entry Name	CD36_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.