

Rat CD36 molecule (thrombospondin receptor) ELISA Kit | CD36 elisa kit

Rat Platelet glycoprotein 4, CD36 ELISA Kit

CATALOG #
AAA112362

REACTIVITY
Rat

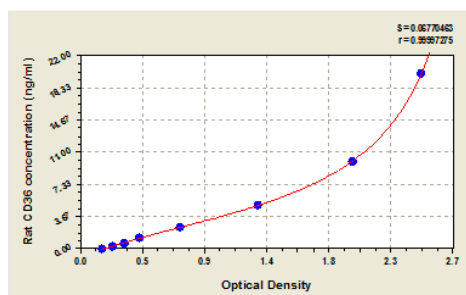
PRODUCT SYNONYMS

CD36 molecule (thrombospondin receptor); Rat Platelet glycoprotein 4; CD36 ELISA Kit; Rat Platelet glycoprotein 4 (CD36) ELISA kit; CHDS7; FAT; GP3B; GP4; GPIV; PASIV; SCARB3; CD36 antigen; CD36 antigen (collagen type I receptor; thrombospondin receptor) ; OTTHUMP00000207872; OTTHUMP00000207874; PAS-4 protein; cluster determinant 36; f; CD36 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Rat
Specificity	This assay has high sensitivity and excellent specificity for detection of rat CD36. No significant cross-reactivity or interference between rat CD36 and analogues was observed.
Sequence Length	472
Samples	Serum, plasma, tissue homogenates.
Assay Type	Sandwich (Quantitative)
Detection Range	0.312 ng/ml- 20 ng/ml.
Sensitivity	0.078 ng/ml.
Intra-assay Precision	Intra-assay Precision (Precision within an assay): CV%<8%. Three samples of known concentration were tested twenty times on one plate to assess.
Inter-assay Precision	Inter-assay Precision (Precision between assays): CV%<10%. Three samples of known concentration were tested in twenty assays to assess.
Preparation and Storage	Unopened test kits should be stored at 2 to 8 degree C upon receipt. Please refer to pdf manual for further storage instructions.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for CD36 elisa kit	Principle of the Assay: This assay employs the quantitative sandwich enzyme immunoassay technique. Antibody specific for CD36 has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any CD36 present is bound by the immobilized antibody. After removing any unbound substances, a biotin-conjugated antibody specific for CD36 is added to the wells. After washing, avidin conjugated Horseradish Peroxidase (HRP) is added to the wells. Following a wash to remove any unbound avidin-enzyme reagent, a substrate solution is added to the wells and color develops in proportion to the amount of CD36 bound in the initial step. The color development is stopped and the intensity of the color is measured.
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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 (thrombospondin receptor)
NCBI Official Symbol	Cd36
NCBI Official Synonym Symbols	Fat
NCBI Protein Information	platelet glycoprotein 4; GPIV; PAS-4; GPIIIB; PAS IV; glycoprotein IIIb; fatty acid translocase; platelet glycoprotein IV; adipocyte membrane protein; fatty acid transport protein; collagen type I receptor thrombospondin receptor; CD36 antigen (collagen type I receptor, thrombospondin receptor)
UniProt Protein Name	Platelet glycoprotein 4
UniProt Gene Name	Cd36
UniProt Synonym Gene Names	Fat; GPIIIB; 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.