

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

Human platelet membrane glycoprotein IV, GP-IV ELISA Kit

CATALOG #
AAA79840

REACTIVITY
Human

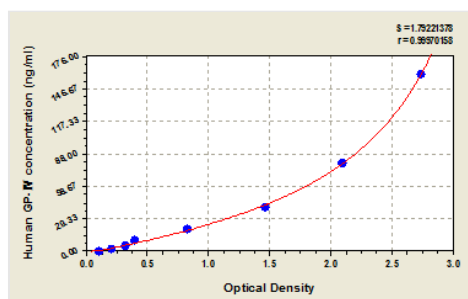
PRODUCT SYNONYMS

CD36 molecule (thrombospondin receptor); Human platelet membrane glycoprotein IV; GP-IV 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	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of Human CD36. No significant cross-reactivity or interference between Human CD36 and analogues was observed.
Sequence Length	472
Samples	Serum, plasma, tissue homogenates
Assay Type	Sandwich
Detection Range	2.5 ng/ml-160 ng/ml
Sensitivity	0.625 ng/ml
Intra-assay Precision	Intra-assay Precision (Precision within an assay): CV% is less than 8% Three samples of known concentration were tested twenty times on one plate to assess. Inter-assay Precision (Precision between assays): CV% is less than 10% Three samples of known concentration were tested in twenty assays to assess.
Detection Wavelength	450 nm
Sample Volume	50-100ul
Protein Biological Process 1	Cell Adhesion
Protein Biological Process 3	Cell adhesion
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	For Samples: For the quantitative determination of human platelet membrane glycoprotein ? (GP-?) concentrations in serum, plasma, tissue homogenates. PRINCIPLE OF THE ASSAY This assay employs the quantitative sandwich enzyme immunoassay technique. Antibody specific for GP-? has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any GP-? present is bound by the immobilized antibody. After removing any unbound substances, a biotin-conjugated antibody specific for GP-? 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 GP-? 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 #	48375178
NCBI GeneID	948
NCBI Accession #	NP_000063.2
NCBI GenBank Nucleotide #	NM_000072.3
UniProt Accession #	P16671; Q13966; Q16093; Q8TCV7; Q9BPZ8; Q9BQC2; Q9BZM8; Q9BZN3; Q9BZN4; Q9BZN5
Molecular Weight	53,053 Da
NCBI Official Full Name	platelet glycoprotein 4 isoform 1
NCBI Official Synonym Full Names	CD36 molecule (thrombospondin receptor)
NCBI Official Symbol	CD36
NCBI Official Synonym Symbols	FAT; GP4; GP3B; GPIV; CHDS7; PASIV; SCARB3; BDPLT10
NCBI Protein Information	platelet glycoprotein 4; GPIIIB; PAS IV; PAS-4 protein; glycoprotein IIIb; cluster determinant 36; fatty acid translocase; platelet glycoprotein IV; scavenger receptor class B, member 3; leukocyte differentiation antigen CD36; CD36 antigen (collagen type I receptor, thrombospondin receptor)
UniProt Protein Name	Platelet glycoprotein 4
UniProt Gene Name	CD36
UniProt Synonym Gene Names	GP3B; GP4; FAT; GPIIIB; GPIV
UniProt Entry Name	CD36_HUMAN

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.