

Human Platelet Membrane Glycoprotein IV (GP4) RTU ELISA Kit | GP4 rtu elisa kit

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CATALOG #
AAA70968

REACTIVITY
Human

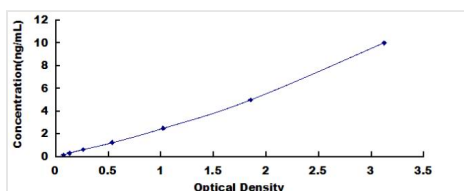
PRODUCT SYNONYMS

Platelet Membrane Glycoprotein IV (GP4); Human Platelet Membrane Glycoprotein IV (GP4) ELISA Kit; CD36; FAT; GP3B; GPIV; PASIV; SCARB3; GP88; GpIIb; Glycoprotein IIb; Collagen Type I Receptor; Thrombospondin Receptor; Fatty acid translocase; Platelet collagen receptor; GP4 rtu elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Sequence Length	472
Assay Type	Sandwich
Samples	Serum, Plasma, Tissue Homogenates or Other Biological Fluids.
Detection Range	0.156-10ng/mL
Sensitivity	0.063ng/mL
RTU ELISA Kit's Advantage	The Ready-To-Use (RTU) Kits require fewer steps in setup and take less time to run. Detection Solutions are pre-diluted and total incubation time is shorter than many other ELISA Kits.
Preparation and Storage	For unopened kits: All the reagents should be kept at 4 degree C upon receipt. For opened kits: Once the kit is opened, the remaining reagents still need to be stored according to the above storage conditions. In addition, return the unused wells to the foil pouch containing the desiccant pack and reseal along entire edge of zip-seal.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for GP4 rtu elisa kit

Test Principle: The microtiter plate provided in this kit has been pre-coated with an antibody specific to GP4. Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated antibody preparation specific to GP4. Next, Avidin conjugated to Horseradish Peroxidase (HRP) is added to each microplate well and incubated. After TMB substrate solution is added, only those wells that contain GP4, biotin-conjugated antibody and enzyme-conjugated Avidin will exhibit a change in color. The enzyme-substrate reaction is terminated by the addition of sulphuric acid solution and the color change is measured spectrophotometrically at a wavelength of 450nm $\pm$ 10nm. The concentration of GP4 in the samples is then determined by comparing the O.D. of the samples to the standard curve.

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; D9IX66; D9IX67; D9IX68; D9IX69
Molecular Weight	46,090 Da
NCBI Official Full Name	platelet glycoprotein 4 isoform 1
NCBI Official Synonym Full Names	CD36 molecule
NCBI Official Symbol	CD36
NCBI Official Synonym Symbols	FAT; GP4; GP3B; GPIV; CHDS7; PASIV; SCARB3; BDPLT10
NCBI Protein Information	platelet glycoprotein 4
UniProt Protein Name	Platelet glycoprotein 4
UniProt Gene Name	CD36
UniProt Synonym Gene Names	GP3B; GP4; FAT; GPIIIB; GPIV

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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/human-rtu-elisa-kits/platelet-membrane-glycoprotein-iv-gp4/70968>