

Mouse Platelet Membrane Glycoprotein IV ELISA Kit | GP4/CD36 elisa kit

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CATALOG #
AAA101617

REACTIVITY
Mouse

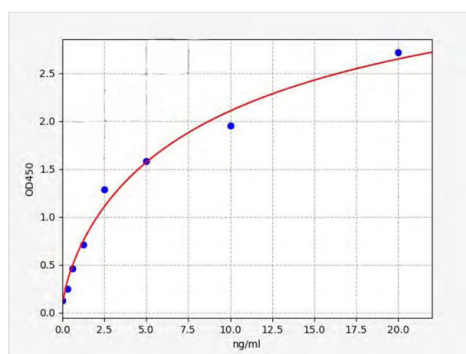
PRODUCT SYNONYMS

Platelet Membrane Glycoprotein IV; Mouse Platelet Membrane Glycoprotein IV ELISA Kit; CD36/Collagen R/FAT/GPIIb/GPIV/SCARB3/SR-B3/Thrombospondin R/CD36 antigen/CD36 molecule (thrombospondin receptor)/FATCHDS7/Fatty acid translocase/Glycoprotein IIb/GP3Bthrombospondin receptor)/GPIIb/Leukocyte differentiation antigen CD36/PAS IV/PAS-4/Platelet collagen receptor/platelet glycoprotein 4/Platelet glycoprotein IV/scavenger receptor class B; member 3/Thrombospondin receptor; GP4/CD36 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Specificity	Specifically recognize GP4/CD36, no obvious cross reaction with other analogues
Assay Type	Sandwich
Samples	Serum, plasma, cell culture supernatant and other biological samples
Detection Range	0.313-20ng/ml
Sensitivity	0.188ng/ml
Intra-assay Precision	Intra-assay Precision: samples with low, medium and high concentration are tested 20 times on same plate.
Inter-assay Precision	Inter-assay Precision: samples with low, medium and high concentration are tested 20 times on three different plates.
Preparation and Storage	Store entire kit at 2-8C for short-term. For longer-term, please store the microplate & standard at -20C, while the remaining reagents can be stored at 2-8C

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for GP4/CD36 elisa kit	Principle of the Assay: This kit was based on sandwich enzyme-linked immune-sorbent assay technology. Anti GP4/CD36 antibody was pre-coated onto the 96-well plate. The biotin conjugated anti GP4/CD36 antibody was used as the detection antibody. The standards and pilot samples were added to the wells subsequently. After incubation, unbound conjugates were removed by wash buffer. Then, biotinylated detection antibody was added to bind with GP4/CD36 conjugated on coated antibody. After washing off unbound conjugates, HRP-Streptavidin was added. After a third washing, TMB substrates were added to visualize HRP enzymatic reaction. TMB was catalyzed by HRP to produce a blue color product that turned yellow after adding a stop solution. Read the O.D. absorbance at 450nm in a microplate reader. The concentration of GP4/CD36 in the sample was calculated by drawing a standard curve. The concentration of the target substance is proportional to the OD450 value.
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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://stage.aaabiotech.com/gp4-cd36-mouse-elisa-kits/platelet-membrane-glycoprotein-iv/101617>