

Human Glycoprotein V, Platelet (GP5) ELISA Kit | GP5 elisa kit

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CATALOG #
AAA140341

REACTIVITY
Human

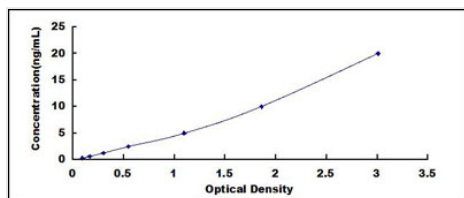
PRODUCT SYNONYMS

Glycoprotein V; Platelet (GP5); Human Glycoprotein V; Platelet (GP5) ELISA Kit; CD42-D; CD42d; GP5 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of Glycoprotein V, Platelet (GP5). No significant cross-reactivity or interference between Glycoprotein V, Platelet (GP5) and analogues was observed.
Sequence Length	560
Assay Type	Double-antibody Sandwich
Samples	Plasma
Detection Range	0.312-20ng/mL
Sensitivity	0.114ng/mL
Application	Enzyme-linked immunosorbent assay for Antigen Detection.
Intra-assay Precision (Precision within an assay)	3 samples with low, middle and high level Glycoprotein V, Platelet (GP5) were tested 20 times on one plate, respectively.
Inter-assay Precision (Precision between assays)	3 samples with low, middle and high level Glycoprotein V, Platelet (GP5) were tested on 3 different plates, 8 replicates in each plate.
CV(%) =	SD/meanX100
Intra-Assay	CV<10%
Inter-Assay	CV<12%
Preparation and Storage	The stability of kit is determined by the loss rate of activity. The loss rate of this kit is less than 5% within the expiration date under appropriate storage condition. To minimize extra influence on the performance, operation procedures and lab conditions, especially room temperature, air humidity, incubator temperature should be strictly controlled. It is also strongly suggested that the whole assay is performed by the same operator from the beginning to the end.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for GP5 elisa kit	The test principle applied in this kit is Sandwich enzyme immunoassay. The microtiter plate provided in this kit has been pre-coated with an antibody specific to Glycoprotein V, Platelet (GP5). Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated antibody specific to Glycoprotein V, Platelet (GP5). 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 Glycoprotein V, Platelet (GP5), 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 ± 10nm. The concentration of Glycoprotein V, Platelet (GP5) in the samples is then determined by comparing the O.D. of the samples to the standard curve.
Product Categories/Family for GP5 elisa kit	CD & Adhesion molecule; Infection immunity; Hematology

NCBI AND UNIPROT INFORMATION

NCBI GI #	269819656
NCBI GeneID	2814
UniProt Accession #	P40197; D1MER9
Molecular Weight	60,959 Da
NCBI Official Full Name	glycoprotein V (platelet)
NCBI Official Synonym Full Names	glycoprotein V (platelet)
NCBI Official Symbol	GP5
NCBI Official Synonym Symbols	GPV; CD42d
NCBI Protein Information	platelet glycoprotein V
UniProt Protein Name	Platelet glycoprotein V
UniProt Gene Name	GP5
UniProt Synonym Gene Names	GPV
UniProt Entry Name	GPV_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.

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Online datasheet: <https://stage.aaabiotech.com/human-elisa-kits/glycoprotein-v-platelet-gp5/140341>