

Human glycoprotein VI (platelet) ELISA Kit | GP6 elisa kit

Human Platelet glycoprotein VI, GP6 ELISA Kit

CATALOG #
AAA18130

REACTIVITY
Human

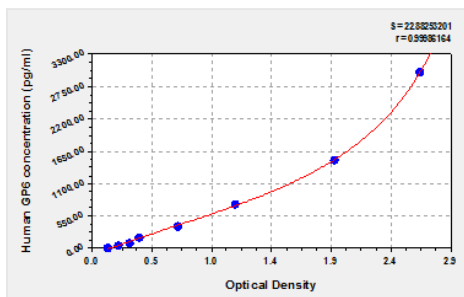
PRODUCT SYNONYMS

glycoprotein VI (platelet); Human Platelet glycoprotein VI; GP6 ELISA Kit; Human Platelet glycoprotein VI (GP6) ELISA kit; GPIV; GPVI; MGC138168; platelet collagen receptor; platelet glycoprotein VI; GP6 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of human GP6. No significant cross-reactivity or interference between human GP6 and analogues was observed.
Sequence Length	620
Assay Type	Quantitative Sandwich
Samples	Serum, plasma, tissue homogenates
Detection Range	46.88 pg/ml-3000 pg/ml
Sensitivity	< 11.72 pg/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 GP6 elisa kit	Principle of the Assay: This assay employs the quantitative sandwich enzyme immunoassay technique. Antibody specific for GP6 has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any GP6 present is bound by the immobilized antibody. After removing any unbound substances, a biotin-conjugated antibody specific for GP6 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 GP6 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 #	563580292
NCBI GeneID	51206
NCBI Accession #	NP_001077368.2
NCBI GenBank Nucleotide #	NM_001083899.2
UniProt Accession #	Q9HCN6; Q9HCN7; Q9UIF2
Molecular Weight	36,866 Da
NCBI Official Full Name	platelet glycoprotein VI isoform 1
NCBI Official Synonym Full Names	glycoprotein VI (platelet)
NCBI Official Symbol	GP6
NCBI Official Synonym Symbols	GPIV; GPVI; BDPLT11
NCBI Protein Information	platelet glycoprotein VI; glycoprotein 6; platelet collagen receptor
UniProt Protein Name	Platelet glycoprotein VI
UniProt Gene Name	GP6
UniProt Synonym Gene Names	GPVI
UniProt Entry Name	GPVI_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.