

Human Platelet glycoprotein VI ELISA Kit | GP6 elisa kit

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CATALOG #
AAA100771

REACTIVITY
Human

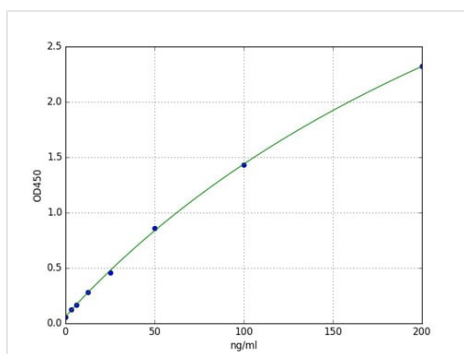
PRODUCT SYNONYMS

Platelet glycoprotein VI; Human Platelet glycoprotein VI ELISA Kit; GP6/Glycoprotein 6/glycoprotein VI (platelet)/GPVI/GPVIplatelet collagen receptor/platelet glycoprotein VI; GP6 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Sequence Length	339
Assay Type	Sandwich ELISA, Double Antibody
Samples	Serum, Plasma, Cell Culture Supernatant, cell or tissue lysate, Other liquid samples
Detection Range	46.875-3000pg/ml
Sensitivity	28.125pg/ml
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)

Typical Data & Standard Curve

Results of a typical standard run of a Human GP6 ELISA Kit are shown below. This standard curve was generated at our lab for demonstration purpose only. Each user should obtain their own standard curve as per experiment. (N/A=not applicable)

X	ng/ml	0	3.125	6.25	12.5	25	50	100	200
Y	OD450	0.033	0.135	0.202	0.352	0.588	1.129	1.361	1.959

Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for GP6 elisa kit

Principle of the Assay||This kit was based on sandwich enzyme-linked immune-sorbent assay technology. anti-Human GP6 antibody was pre-coated onto 96-well plates. And the biotin conjugated anti-Human GP6 antibody was used as detection antibodies. The standards, test samples and biotin conjugated detection antibody were added to the wells subsequently, and wash with wash buffer. HRP-Streptavidin was added and unbound conjugates were washed away with wash buffer. TMB substrates were used to visualize HRP enzymatic reaction. TMB was catalyzed by HRP to produce a blue color product that changed into yellow after adding acidic stop solution. The density of yellow is proportional to the Human GP6 amount of sample captured in plate. Read the O.D. absorbance at 450nm in a microplate reader, and then the concentration of Human GP6 can be calculated.

NCBI AND UNIPROT INFORMATION

NCBI GI #	563580296
NCBI GeneID	51206
NCBI Accession #	NP_057447.5
NCBI GenBank Nucleotide #	NM_016363.5
Molecular Weight	67,476 Da
NCBI Official Full Name	platelet glycoprotein VI isoform 2
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
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.

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Online datasheet: <https://stage.aaabiotech.com/gp6-human-elisa-kits/platelet-glycoprotein-vi/100771>