

Human GPVI ELISA Kit | GPVI elisa kit

Human GPVI ELISA Kit PicoKine

CATALOG # AAA127964	REACTIVITY Human	APPLICATIONS ELISA
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PRODUCT SYNONYMS

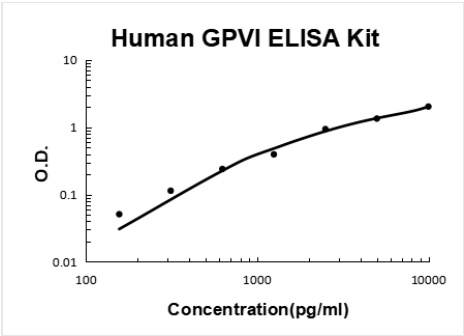
GPVI; Human GPVI ELISA Kit PicoKine; GPVI elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Samples	cell culture supernatants, serum and plasma (heparin, EDTA)
Assay Range	156pg/ml-10,000pg/ml
Sensitivity	<10pg/ml
Capture antibody and Detection antibody	a monoclonal antibody from mouse a biotinylated polyclonal antibody from goat
Immunogen	Expression system for standard: NS0; Immunogen sequence: Q21-K267
Cross Reactivity	There is no detectable cross-reactivity with other relevant proteins.
Applicable Applications for GPVI elisa kit	ELISA
Kit Components	Description/Quantity Pre-coated 96-well strip microplate/1 Standard/2 vials, 10 ng/tube Biotinylated antibody (100x)/100ul Avidin-Biotin-Peroxidase Complex (100x)/100ul Sample Diluent/30ml Antibody Diluent/12ml Avidin-Biotin-Peroxidase Diluent/12ml Color Developing Reagent (TMB)/10ml Stop Solution/10ml Wash Buffer (25x)/20ml Adhesive plate sealers/4
Materials Required But Not Provided	Microplate Reader capable of reading absorbance at 450nm. Incubator. Automated plate washer (optional). Pipettes and pipette tips capable of precisely dispensing 0.5ul through 1ml volumes of aqueous solutions. Multichannel pipettes are recommended for large amount of samples. Deionized or distilled water. 500ml graduated cylinders. Test tubes for dilution.
Sample Data	Concentration(pg/ml)01563126251,2502,5005,00010,000O.D.0.0270.0780.1410.2670.4230.9681.3752.062
Intra Assay Consistency & Inter Assay Consistency	Intra-Assay PrecisionInter-Assay PrecisionSample123123n161616242424Mean(pg/ml)3891264412333513964226Standard deviation17.5170.78131.9418.4380.97207.07CV(%)4.5%5.6%3.2%5.5%5.8%4.9%

Reproducibility	LotsLot 1 (pg/ml)Lot 2 (pg/ml)Lot 3 (pg/ml)Lot 4 (pg/ml)Mean (pg/ml)Standard DeviationCV (%)Sample 138937736535837221.965.9%Sample 21264127512891296128165.335.1%Sample 341234566469347564535276.66.1%*number of samples for each test n=16.
Preparation and Storage	Store at 4 degree C for 6 months, at -20 degree C for 12 months. Avoid multiple freeze-thaw cycles (Ships with gel ice, can store for up to 3 days in room temperature. Freeze upon receiving.)

IMAGES



Standard Curve (Sample)
Human GPVI PicoKine ELISA Kit standard curve

ADDITIONAL INFORMATION

Related Product Information for GPVI elisa kit	The brand Picokine indicates this is a premium quality ELISA kit. Each Picokine kit delivers precise quantification, high sensitivity, and excellent reproducibility. Only our most reliable and effective kits qualify as Picokine, guaranteeing top-tier results for your assays.
Product Categories/Family for GPVI elisa kit	PicoKine ELISA Kits

NCBI AND UNIPROT INFORMATION

NCBI GI #	26985217
NCBI GeneID	51206
UniProt Accession #	Q9HCN6 ; Q9HCN7 ; Q9UIF2
Molecular Weight	36,866 Da
NCBI Official Full Name	glycoprotein VI, partial
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.