

Human Glycoprotein V, Platelet ELISA Kit | GP5 elisa kit

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CATALOG #
AAA16585

REACTIVITY
Human

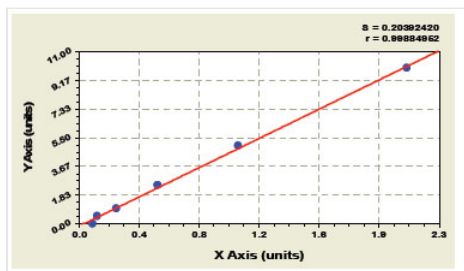
PRODUCT SYNONYMS

Glycoprotein V; Platelet; Human Glycoprotein V; Platelet ELISA Kit; GP5 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Samples	Serum, plasma, Cell Culture Supernatants, body fluid and tissue homogenate
Assay Type	Competitive or Sandwich
Detection Range	2.5-50ng/mL
Sensitivity	0.1ng/mL
Intended Uses	This PCL5 ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Human PCL5. This ELISA kit for research use only, not for therapeutic applications!
Preparation and Storage	Store all reagents at 2-8 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for GP5 elisa kit

Principle of the assay: PCL5 ELISA kit applies the quantitative sandwich enzyme immunoassay technique. The microtiter plate has been pre-coated with a monoclonal antibody specific for PCL5. Standards or samples are then added to the microtiter plate wells and PCL5 if present, will bind to the antibody pre-coated wells. In order to quantitatively determine the amount of PCL5 present in the sample, a standardized preparation of horseradish peroxidase (HRP)-conjugated polyclonal antibody, specific for PCL5 are added to each well to "sandwich" the PCL5 immobilized on the plate. The microtiter plate undergoes incubation, and then the wells are thoroughly washed to remove all unbound components. Next, substrate solutions are added to each well. The enzyme (HRP) and substrate are allowed to react over a short incubation period. Only those wells that contain PCL5 and enzyme-conjugated antibody will exhibit a change in color. The enzyme-substrate reaction is terminated by addition of a sulphuric acid solution and the color change is measured spectrophotometrically at a wavelength of 450 nm. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The PCL5 concentration in each sample is interpolated from this standard curve.

NCBI AND UNIPROT INFORMATION

NCBI GI #	34419568
NCBI GeneID	2545812
NCBI Accession #	NP_899581.1
NCBI GenBank Nucleotide #	NC_005083.2
Molecular Weight	46,083 Da
NCBI Official Full Name	gp5
NCBI Official Symbol	5
NCBI Protein Information	gp5
UniProt Protein Name	Gp5
UniProt Gene Name	5
UniProt Synonym Gene Names	KVP40.0335
UniProt Entry Name	Q6WHG9_BPKVM

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.