

Canine Glycoprotein VI, Platelet ELISA Kit | GP6 elisa kit

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CATALOG #
AAA91008

REACTIVITY
Canine

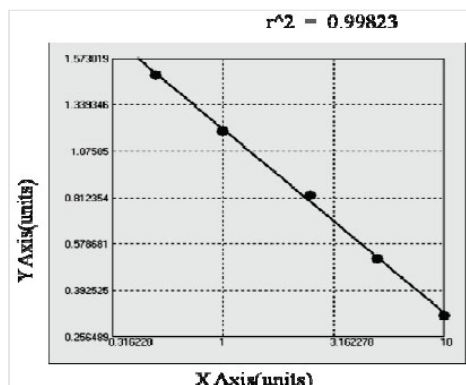
PRODUCT SYNONYMS

Glycoprotein VI; Platelet; Canine Glycoprotein VI; Platelet ELISA Kit; GP6 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Canine
Samples	Serum, plasma, Cell Culture Supernatants, body fluid and tissue homogenate
Assay Type	Sandwich
Detection Range	1.0-25ng/mL
Sensitivity	0.1ng/mL
Intended Uses	This GP6 ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Canine GP6. 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 GP6 elisa kit

Principle of the Assay: GP6 ELISA kit applies the competitive enzyme immunoassay technique utilizing a monoclonal anti-GP6 antibody and an GP6-HRP conjugate. The assay sample and buffer are incubated together with GP6-HRP conjugate in pre-coated plate for one hour. After the incubation period, the wells are decanted and washed five times. The wells are then incubated with a substrate for HRP enzyme. The product of the enzyme-substrate reaction forms a blue colored complex. Finally, a stop solution is added to stop the reaction, which will then turn the solution yellow. The intensity of color is measured spectrophotometrically at 450nm in a microplate reader. The intensity of the color is inversely proportional to the GP6 concentration since GP6 from samples and GP6-HRP conjugate compete for the anti-GP6 antibody binding site. Since the number of sites is limited, as more sites are occupied by GP6 from the sample, fewer sites are left to bind GP6-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The GP6 concentration in each sample is interpolated from this standard curve.

NCBI AND UNIPROT INFORMATION

NCBI GI #	9634167
NCBI GeneID	1262532
NCBI Accession #	NP_037702.1
NCBI GenBank Nucleotide #	NC_002167.1
NCBI Official Full Name	Gp6

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-canine-elisa-kits/glycoprotein-vi-platelet/91008>