

Canine Fibrinogen Like Protein 2 ELISA Kit | FGL2 elisa kit

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CATALOG #
AAA93248

REACTIVITY
Canine

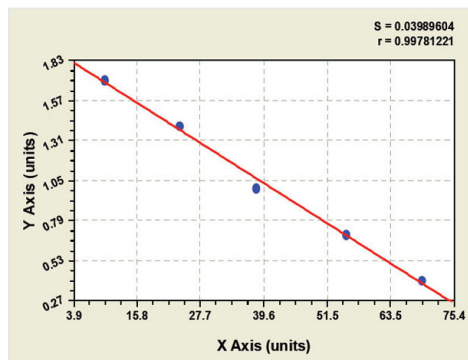
PRODUCT SYNONYMS

Fibrinogen Like Protein 2; Canine Fibrinogen Like Protein 2 ELISA Kit; FGL2 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Canine
Samples	Serum, plasma, Cell Culture Supernatants, body fluid and tissue homogenate
Assay Type	Competitive
Detection Range	250-5000pg/mL
Sensitivity	1.0pg/mL
Intended Uses	This FGL2 ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Canine FGL2. 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 FGL2 elisa kit

Principle of the Assay: FGL2 ELISA kit applies the competitive enzyme immunoassay technique utilizing a monoclonal anti-FGL2 antibody and an FGL2-HRP conjugate. The assay sample and buffer are incubated together with FGL2-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 FGL2 concentration since FGL2 from samples and FGL2-HRP conjugate compete for the anti-FGL2 antibody binding site. Since the number of sites is limited, as more sites are occupied by FGL2 from the sample, fewer sites are left to bind FGL2-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The FGL2 concentration in each sample is interpolated from this standard curve.

NCBI AND UNIPROT INFORMATION

NCBI GI #	17389565
NCBI GeneID	10875
Molecular Weight	50,229 Da
NCBI Official Full Name	FGL2 protein
NCBI Official Synonym Full Names	fibrinogen-like 2
NCBI Official Symbol	FGL2
NCBI Official Synonym Symbols	T49; pT49
NCBI Protein Information	fibroleukin; fibrinogen-like protein 2
UniProt Protein Name	Fibroleukin
UniProt Gene Name	FGL2
UniProt Entry Name	FGL2_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.