

Canine Fibrinogen Like Protein 1 ELISA Kit | FGL1 elisa kit

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CATALOG #
AAA88261

REACTIVITY
Canine

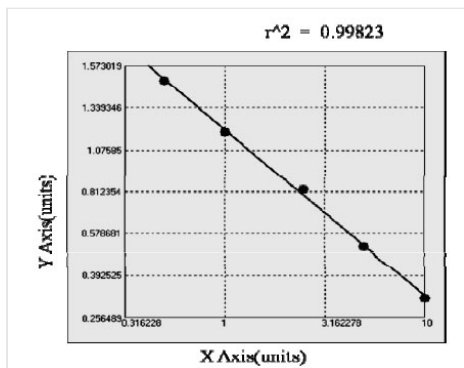
PRODUCT SYNONYMS

Fibrinogen Like Protein 1; Canine Fibrinogen Like Protein 1 ELISA Kit; FGL1 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Canine
Samples	Serum, plasma, Cell Culture Supernatants, body fluid and tissue homogenate
Assay Type	Competitive
Detection Range	0.5-10ng/mL
Sensitivity	0.1ng/mL
Intended Uses	This FGL1 ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Canine FGL1. 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 FGL1 elisa kit

Principle of the assay: FGL1 ELISA kit applies the competitive enzyme immunoassay technique utilizing a monoclonal anti-FGL1 antibody and an FGL1-HRP conjugate. The assay sample and buffer are incubated together with FGL1-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 FGL1 concentration since FGL1 from samples and FGL1-HRP conjugate compete for the anti-FGL1 antibody binding site. Since the number of sites is limited, as more sites are occupied by FGL1 from the sample, fewer sites are left to bind FGL1-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The FGL1 concentration in each sample is interpolated from this standard curve.

Product Categories/Family for FGL1 elisa kit	Immunology
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NCBI AND UNIPROT INFORMATION

NCBI GI #	42544202
NCBI GeneID	2267
NCBI Accession #	NP_963847.1
NCBI GenBank Nucleotide #	NM_201553.1
Molecular Weight	36,379 Da
NCBI Official Full Name	fibrinogen-like protein 1
NCBI Official Synonym Full Names	fibrinogen-like 1
NCBI Official Symbol	FGL1
NCBI Official Synonym Symbols	HFREP1; HP-041; LFIRE1; LFIRE-1
NCBI Protein Information	fibrinogen-like protein 1; hepassocin; liver fibrinogen-related protein 1; hepatocellular carcinoma-related sequence; hepatocyte-derived fibrinogen-related protein 1
UniProt Protein Name	Fibrinogen-like protein 1
UniProt Gene Name	FGL1
UniProt Synonym Gene Names	HFREP1; HFREP-1; LFIRE-1
UniProt Entry Name	FGL1_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/fgl1-canine-elisa-kits/fibrinogen-like-protein-1/88261>