

Goat Fibrinogen Like Protein 1 ELISA Kit | FGL1 elisa kit

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CATALOG #
AAA89577

REACTIVITY
Goat

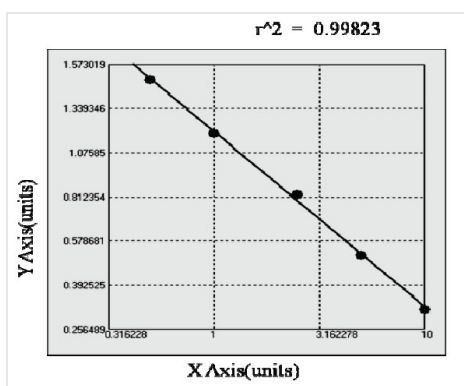
PRODUCT SYNONYMS

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

PRODUCT SPECIFICATIONS

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

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.