

Sheep Fibrinogen Like Protein 2 ELISA Kit | FGL2 elisa kit

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CATALOG #
AAA88856

REACTIVITY
Sheep

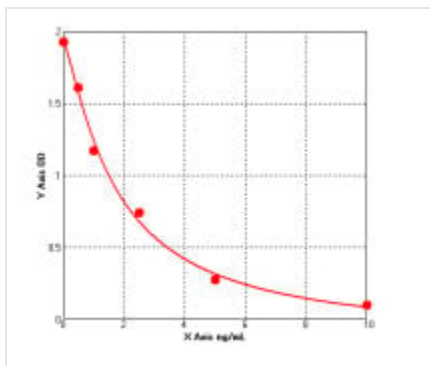
PRODUCT SYNONYMS

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

PRODUCT SPECIFICATIONS

Reactivity	Sheep
Specificity	This assay has high sensitivity and excellent specificity for detection of FLP2. No significant cross-reactivity or interference between FLP2 and analogues was observed. NOTE: Limited by current skills and knowledge, it is impossible for us to complete the cross-reactivity detection between FLP2 and all the analogues, therefore, cross reaction may still exist in some cases.
Assay Type	Quantitative Competitive
Samples	Serum, plasma, cell culture supernatants, body fluid and tissue homogenate
Sensitivity	0.1 ng/ml
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: FLP2 ELISA kit applies the competitive enzyme immunoassay technique utilizing a polyclonal anti-FLP2 antibody and an FLP2-HRP conjugate. The assay sample and buffer are incubated together with FLP2-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 FLP2 concentration since FLP2 from samples and FLP2-HRP conjugate compete for the anti-FLP2 antibody binding site. Since the number of sites is limited, as more sites are occupied by FLP2 from the sample, fewer sites are left to bind FLP2-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The FLP2 concentration in each sample is interpolated from this standard curve. Intended Uses: This FLP2 ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Sheep FLP2. This ELISA kit for research use only, not for therapeutic or test applications!
Product Categories/Family for FGL2 elisa kit	Immunology

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.

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Online datasheet: <https://stage.aaabiotech.com/fgi2-sheep-elisa-kits/fibrinogen-like-protein-2/88856>