

Canine Fibrinopeptide A ELISA Kit | FPA elisa kit

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CATALOG #
AAA88249

REACTIVITY
Canine

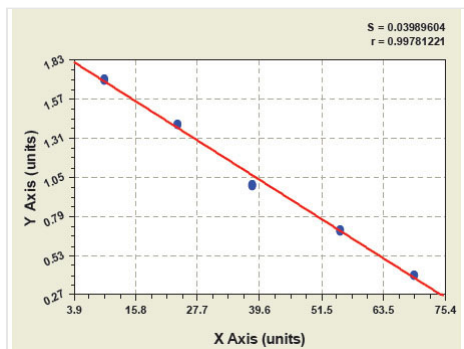
PRODUCT SYNONYMS

Fibrinopeptide A; Canine Fibrinopeptide A ELISA Kit; FPA elisa kit

PRODUCT SPECIFICATIONS

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

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

NCBI AND UNIPROT INFORMATION

NCBI GI #	11761629
NCBI GeneID	2243
NCBI Accession #	NP_068657.1
NCBI GenBank Nucleotide #	NM_021871.2
Molecular Weight	69,757 Da
NCBI Official Full Name	fibrinogen alpha chain isoform alpha preproprotein
NCBI Official Synonym Full Names	fibrinogen alpha chain
NCBI Official Symbol	FGA
NCBI Official Synonym Symbols	Fib2
NCBI Protein Information	fibrinogen alpha chain; fibrinogen, A alpha polypeptide
UniProt Protein Name	Fibrinogen alpha chain
UniProt Gene Name	FGA
UniProt Entry Name	FIBA_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/fpa-canine-elisa-kits/fibrinopeptide-a/88249>