

Pig Fibrinopeptide A (FPA) ELISA Kit | FPA elisa kit

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CATALOG #
AAA149082

REACTIVITY
Pig

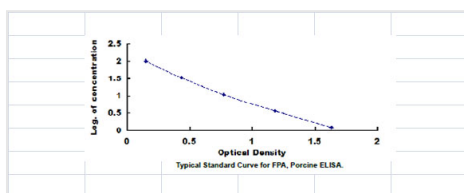
PRODUCT SYNONYMS

Fibrinopeptide A (FPA); Pig Fibrinopeptide A (FPA) ELISA Kit; FP-A; FPA elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Pig
Specificity	This assay has high sensitivity and excellent specificity for detection of FPA. No significant cross-reactivity or interference between FPA and analogues was observed.
Sequence Length	866
Assay Type	Competitive Inhibition
Samples	Serum, Plasma, Tissue homogenates, Cell lysates, Cell culture supernates and other biological fluids
Detection Range	1.23-100ng/mL
Sensitivity	0.52ng/mL
Intra-assay Precision	Intra-assay Precision (Precision within an assay): 3 samples with low, middle and high level FPA were tested 20 times on one plate, respectively. Intra-Assay: CV<10%
Inter-assay Precision	Inter-assay Precision (Precision between assays): 3 samples with low, middle and high level FPA were tested on 3 different plates, 8 replicates in each plate. CV(%) = SD/meanX100. Inter-Assay: CV<12%
Preparation and Storage	The stability of kit is determined by the loss rate of activity. The loss rate of this kit is less than 5% within the expiration date under appropriate storage condition. To minimize extra influence on the performance, operation procedures and lab conditions, especially room temperature, air humidity, incubator temperature should be strictly controlled. It is also strongly suggested that the whole assay is performed by the same operator from the beginning to the end.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for FPA elisa kit	Intended Uses: The kit is a competitive inhibition enzyme immunoassay technique for the in vitro quantitative measurement of FPA in porcine serum, plasma, tissue homogenates, cell lysates, cell culture supernates and other biological fluids. Principle of the Assay: This assay employs the competitive inhibition enzyme immunoassay technique. A monoclonal antibody specific to FPA has been pre-coated onto a microplate. A competitive inhibition reaction is launched between biotin labeled FPA and unlabeled FPA (Standards or samples) with the pre-coated antibody specific to FPA. After incubation the unbound conjugate is washed off. Next, avidin conjugated to Horseradish Peroxidase (HRP) is added to each microplate well and incubated. The amount of bound HRP conjugate is reverse proportional to the concentration of FPA in the sample. After addition of the substrate solution, the intensity of color developed is reverse proportional to the concentration of FPA in the sample.
Product Categories/Family for FPA elisa kit	Signal transduction; Hematology

NCBI AND UNIPROT INFORMATION

NCBI GI #	4503689
NCBI GeneID	2243
NCBI Accession #	NP_000499.1
NCBI GenBank Nucleotide #	NM_000508.4
UniProt Accession #	P02671; Q4QQH7; Q9BX62; Q9UCH2; A8K3E4; D3DP14; D3DP15
Molecular Weight	69,757 Da
NCBI Official Full Name	fibrinogen alpha chain isoform alpha-E preproprotein
NCBI Official Synonym Full Names	fibrinogen alpha chain
NCBI Official Symbol	FGA
NCBI Official Synonym Symbols	Fib2
NCBI Protein Information	fibrinogen alpha chain
UniProt Protein Name	Fibrinogen alpha chain
UniProt Gene Name	FGA

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/pig-elisa-kits/fibrinopeptide-a-fpa/149082>