

General fibrinogen total antigen assay ELISA Kit | FGA elisa kit

Porcine fibrinogen total antigen assay ELISA Kit

CATALOG #
AAA37725

REACTIVITY
General

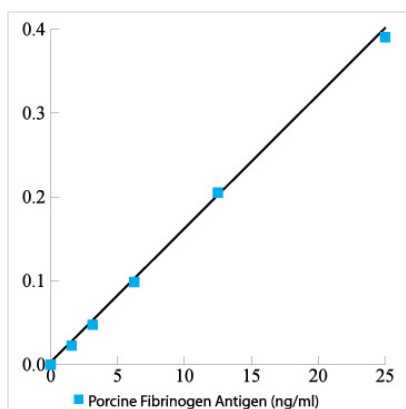
PRODUCT SYNONYMS

fibrinogen total antigen assay; Porcine fibrinogen total antigen assay ELISA Kit; FGA elisa kit

PRODUCT SPECIFICATIONS

Reactivity	General
Form/Format	Complete Kit
Sequence Length	17
Samples	Porcine plasma and serum
Preparation and Storage	Store at 4 degree C. Shelf Life: 12 months from manufacture, see label for expiration date

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for FGA elisa kit

Intended Uses: This porcine fibrinogen antigen assay is intended for the quantitative determination of total fibrinogen antigen in porcine plasma and serum.

Principle of the Assay: Porcine fibrinogen will bind to the affinity purified capture antibody coated on the microtiter plate. After appropriate washing steps, biotin labeled polyclonal anti-porcine fibrinogen primary antibody binds to the captured protein. Excess antibody is washed away and bound polyclonal antibody is reacted with streptavidin conjugated to horseradish peroxidase. TMB substrate is used for color development at 450nm. A standard calibration curve is prepared along with the samples to be measured using dilutions of porcine fibrinogen. Color development is proportional to the concentration of fibrinogen in the samples.

Background: Fibrinogen is a soluble glycoprotein that circulates in the blood and is converted to insoluble fibrin by thrombin in the final step of the coagulation cascade [1]. Hepatic expression of fibrinogen increases two to four hundred fold during the acute phase response to infection or inflammation [2]. Elevated fibrinogen levels are correlated with cardiovascular disease [3] and atherosclerosis [4].

Product Categories/Family for FGA elisa kit	Fibrinogen; Fibrinogen ELISA Kits
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NCBI AND UNIPROT INFORMATION

NCBI GI #	120094
NCBI GeneID	100514666
UniProt Accession #	P14460
Molecular Weight	1,762 Da
NCBI Official Full Name	Fibrinogen alpha chain
NCBI Official Symbol	FGA
NCBI Protein Information	fibrinogen alpha chain
UniProt Protein Name	Fibrinogen alpha chain
UniProt Gene Name	FGA
UniProt Entry Name	FIBA_PIG

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/fga-general-elisa-kits/fibrinogen-total-antigen-assay/37725>