

Porcine Fibrinogen ELISA Kit | Fb elisa kit

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CATALOG #
AAA93243

REACTIVITY
Porcine

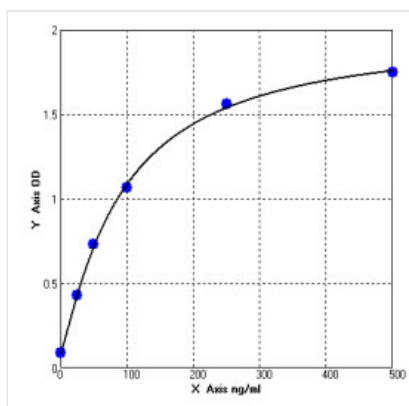
PRODUCT SYNONYMS

Fibrinogen; Porcine Fibrinogen ELISA Kit; Fb elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Porcine
Specificity	This assay has high sensitivity and excellent specificity for detection of FBG. No significant cross-reactivity or interference between FBG and analogues was observed. NOTE: Limited by current skills and knowledge, it is impossible for us to complete the cross-reactivity detection between FBG and all the analogues, therefore, cross reaction may still exist in some cases.
Assay Type	Quantitative Sandwich
Samples	Serum, plasma, cell culture supernatants, body fluid and tissue homogenate
Sensitivity	1.0 ng/mL
Intended Uses	This FB ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Porcine FB. 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 Fb elisa kit	Principle of the Assay: FBG ELISA kit applies the quantitative sandwich enzyme immunoassay technique. The microtiter plate has been pre-coated with a monoclonal antibody specific for FBG. Standards or samples are then added to the microtiter plate wells and FBG if present, will bind to the antibody pre-coated wells. In order to quantitatively determine the amount of FBG present in the sample, a standardized preparation of horseradish peroxidase (HRP)-conjugated polyclonal antibody, specific for FBG are added to each well to "sandwich" the FBG immobilized on the plate. The microtiter plate undergoes incubation, and then the wells are thoroughly washed to remove all unbound components. Next, substrate solutions are added to each well. The enzyme (HRP) and substrate are allowed to react over a short incubation period. Only those wells that contain FBG and enzyme-conjugated antibody will exhibit a change in color. The enzyme-substrate reaction is terminated by addition of a sulphuric acid solution and the color change is measured spectrophotometrically at a wavelength of 450 nm. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The FBG concentration in each sample is interpolated from this standard curve. Intended Uses: This FBG ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Porcine FBG. This ELISA kit for research use only, not for therapeutic or test applications!
Product Categories/Family for Fb elisa kit	Cardiovascular

NCBI AND UNIPROT INFORMATION

NCBI GI #	350
NCBI GeneID	280792
UniProt Accession #	P12799
Molecular Weight	50,244 Da
NCBI Official Full Name	fibrinogen
NCBI Official Synonym Full Names	fibrinogen gamma chain<
NCBI Official Symbol	FGG
NCBI Protein Information	fibrinogen gamma-B chain; gamma'; fibrinogen, gamma polypeptide
UniProt Protein Name	Fibrinogen gamma-B chain
UniProt Gene Name	FGG
UniProt Synonym Gene Names	Gamma'
UniProt Entry Name	FIBG_BOVIN

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/fb-porcine-elisa-kits/fibrinogen/93243>