

General fibrinogen total antigen assay ELISA Kit | FGA elisa kit

Rat fibrinogen total antigen assay ELISA Kit

CATALOG #
AAA37742

REACTIVITY
General

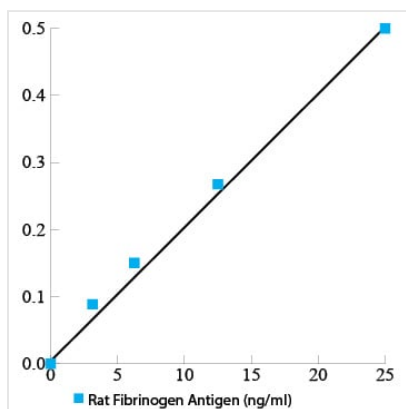
PRODUCT SYNONYMS

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

PRODUCT SPECIFICATIONS

Reactivity	General
Specificity	These studies are currently in progress. Please contact us for more information.
Form/Format	Complete Kit
Sequence Length	782
Samples	Rat plasma and serum
Sensitivity	The minimum detectable dose (MDD) was determined by adding two standard deviations to the mean optical density value of twenty zero standard replicates (range OD450: 0.071-0.078) and calculating the corresponding concentration. The MDD was 0.184 ng/ml.
Intra-assay Precision	These studies are currently in progress. Please contact us for more information.
Inter-assay Precision	These studies are currently in progress. Please contact us for more information.
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 rat fibrinogen antigen assay is intended for the quantitative determination of total fibrinogen antigen in rat plasma and serum. For research use only. Principle of the Assay: Rat fibrinogen will bind to the affinity purified capture antibody coated on the microtiter plate. After appropriate washing steps, biotin labeled polyclonal anti-rat fibrinogen primary antibody binds to the captured protein. Excess antibody is washed away and bound polyclonal antibody is reacted with avidin 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 rat 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

NCBI AND UNIPROT INFORMATION

NCBI GI #	1706800
NCBI GeneID	361969
UniProt Accession #	P06399; P14480; P02680
Molecular Weight	86,686 Da
NCBI Official Full Name	Fibrinogen alpha chain
NCBI Official Synonym Full Names	fibrinogen alpha chain
NCBI Official Symbol	Fga
NCBI Official Synonym Symbols	Fba5e; Ac1873
NCBI Protein Information	fibrinogen alpha chain; fibrinogen, alpha polypeptide; fibrinogen, A alpha polypeptide
UniProt Protein Name	Fibrinogen alpha chain
UniProt Gene Name	Fga
UniProt Entry Name	FIBA_RAT

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/37742>