

General fibrinogen total antigen assay ELISA Kit | FGA elisa kit

Mouse fibrinogen total antigen assay ELISA Kit

CATALOG #
AAA37745

REACTIVITY
General

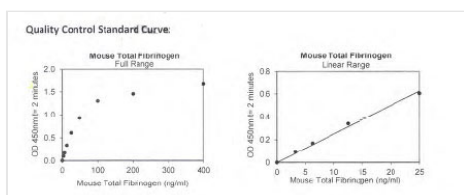
PRODUCT SYNONYMS

fibrinogen total antigen assay; Mouse 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	557
Sensitivity	0.15 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

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].

Principle of the Assay: Mouse fibrinogen will bind to the affinity purified capture antibody coated on the microtiter plate. After appropriate washing steps, biotin labeled polyclonal anti-mouse 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 mouse fibrinogen. Color development is proportional to the concentration of fibrinogen in the samples.

Intended Uses: This mouse fibrinogen antigen assay is intended for the quantitative determination of total fibrinogen antigen in mouse plasma and serum. For research use only.

Product Categories/Family for FGA elisa kit

[Fibrinogen](#); [Fibrinogen ELISA Kits](#)

NCBI AND UNIPROT INFORMATION

NCBI GI #	33563252
NCBI GeneID	14161
NCBI Accession #	NP_034326.1
NCBI GenBank Nucleotide #	NM_010196.3
UniProt Accession #	Q99K47; Q8K0E8; Q8VCM7
Molecular Weight	61,326 Da
NCBI Official Full Name	fibrinogen, alpha polypeptide isoform 2
NCBI Official Synonym Full Names	fibrinogen alpha chain
NCBI Official Symbol	Fga
NCBI Official Synonym Symbols	Fib; ENSMUSG00000059807
NCBI Protein Information	fibrinogen, alpha polypeptide; fibrinogen, A alpha polypeptide
UniProt Protein Name	Fibrinogen, alpha polypeptide
UniProt Gene Name	Fga
UniProt Entry Name	Q99K47_MOUSE

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/37745>