

Mouse Fibrinogen Alpha Chain (FGA) ELISA Kit | FGA elisa kit

Mouse Fibrinogen Alpha Chain (FGA) Mini Samples ELISA Kit

CATALOG # AAA188730	REACTIVITY Mouse	APPLICATIONS ELISA
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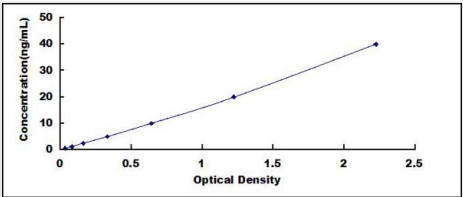
PRODUCT SYNONYMS

Fibrinogen Alpha Chain (FGA); Mouse Fibrinogen Alpha Chain (FGA) Mini Samples ELISA Kit; Fibrinogen Alpha Chain; Fib2; FG-A; FGA; Fibrinopeptide A; FGA elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Specificity	This assay has high sensitivity and excellent specificity for detection of Mini Samples Fibrinogen Alpha Chain (FGA). No significant cross-reactivity or interference between Mini Samples Fibrinogen Alpha Chain (FGA) and analogues was observed.
Sequence Length	789
Assay Type	Double-antibody Sandwich
Samples	Plasma
Detection Range	0.625-40ng/mL
Sensitivity	The minimum detectable dose of this kit is typically less than 0.251ng/mL
Applicable Applications for FGA elisa kit	ELISA
Precision	Intra-assay Precision (Precision within an assay): 3 samples with low, middle and high level Mini Samples Fibrinogen Alpha Chain (FGA) were tested 20 times on one plate, respectively. Inter-assay Precision (Precision between assays): 3 samples with low, middle and high level Mini Samples Fibrinogen Alpha Chain (FGA) were tested on 3 different plates, 8 replicates in each plate. CV(%) = SD/meanX100 Intra-Assay: CV<10% Inter-Assay: CV<12%
Test Principle	The test principle applied in this kit is Sandwich enzyme immunoassay. The microtiter plate provided in this kit has been pre-coated with an antibody specific to Mini Samples Fibrinogen Alpha Chain (FGA). Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated antibody specific to Mini Samples Fibrinogen Alpha Chain (FGA). Next, Avidin conjugated to Horseradish Peroxidase (HRP) is added to each microplate well and incubated. After TMB substrate solution is added, only those wells that contain Mini Samples Fibrinogen Alpha Chain (FGA), biotin-conjugated antibody and enzyme-conjugated Avidin will exhibit a change in color. The enzyme-substrate reaction is terminated by the addition of sulphuric acid solution and the color change is measured spectrophotometrically at a wavelength of 450nm +/- 10nm. The concentration of Mini Samples Fibrinogen Alpha Chain (FGA) in the samples is then determined by comparing the O.D. of the samples to the standard curve.
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)

NCBI AND UNIPROT INFORMATION

NCBI GI #	167555029
NCBI GeneID	14161
NCBI Accession #	NP_001104518.1
NCBI GenBank Nucleotide #	NP_001104518.1
UniProt Accession #	E9PV24
NCBI Official Full Name	fibrinogen alpha chain isoform 1 preproprotein
NCBI Official Synonym Full Names	fibrinogen alpha chain
NCBI Official Symbol	Fga
NCBI Official Synonym Symbols	Fib
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/mouse-elisa-kits/fibrinogen-alpha-chain-fga/188730>