

Mouse Fibrinogen Alpha chain ELISA Kit | FGA elisa kit

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CATALOG #
AAA101040

REACTIVITY
Mouse

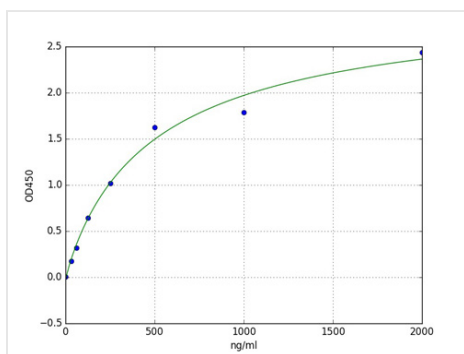
PRODUCT SYNONYMS

Fibrinogen Alpha chain; Mouse Fibrinogen Alpha chain ELISA Kit; FGA/Factor I/FGA/FGB/Fib2/Fib2/fibrinogen alpha chain/fibrinogen; A alpha polypeptide/MGC119422/MGC119423/MGC119425; FGA elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Sequence Length	866
Assay Type	Sandwich ELISA, Double Antibody
Samples	Serum, Plasma, Cell Culture Supernatant, cell or tissue lysate, Other liquid samples
Detection Range	31.25-2000ng/ml
Sensitivity	18.75ng/ml
Preparation and Storage	Store entire kit at 2-8C for short-term. For longer-term, please store the microplate & standard at -20C, while the remaining reagents can be stored at 2-8C

IMAGES



Standard Curve (Sample)

Typical Data & Standard Curve

Results of a typical standard run of a Mouse FGA ELISA Kit are shown below. This standard curve was generated at our lab for demonstration purpose only. Each user should obtain their own standard curve as per experiment. (N/A=not applicable)

X	ng/ml	0	31.2	62.5	125	250	500	1000	2000
Y	OD450	0.056	0.111	0.143	0.241	0.395	0.719	1.614	2.580

Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for FGA elisa kit

Principle of the Assay||This kit was based on sandwich enzyme-linked immune-sorbent assay technology. anti-Mouse FGA antibody was pre-coated onto 96-well plates. And the biotin conjugated anti-Mouse FGA antibody was used as detection antibodies. The standards, test samples and biotin conjugated detection antibody were added to the wells subsequently, and wash with wash buffer. HRP-Streptavidin was added and unbound conjugates were washed away with wash buffer. TMB substrates were used to visualize HRP enzymatic reaction. TMB was catalyzed by HRP to produce a blue color product that changed into yellow after adding acidic stop solution. The density of yellow is proportional to the Mouse FGA amount of sample captured in plate. Read the O.D. absorbance at 450nm in a microplate reader, and then the concentration of Mouse FGA can be calculated.

NCBI AND UNIPROT INFORMATION

NCBI GI #	4503689
NCBI GeneID	2243
NCBI Accession #	NP_000499.1
NCBI GenBank Nucleotide #	NM_000508.4
Molecular Weight	69,757 Da
NCBI Official Full Name	fibrinogen alpha chain isoform alpha-E preproprotein
NCBI Official Synonym Full Names	fibrinogen alpha chain
NCBI Official Symbol	FGA
NCBI Official Synonym Symbols	Fib2
NCBI Protein Information	fibrinogen alpha chain
UniProt Protein Name	Fibrinogen alpha chain
UniProt Gene Name	FGA
UniProt Entry Name	FIBA_HUMAN

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-mouse-elisa-kits/fibrinogen-alpha-chain/101040>