

Mouse Fibrinogen Alpha (FGa) ELISA Kit | FGa elisa kit

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CATALOG #
AAA65824

REACTIVITY
Mouse

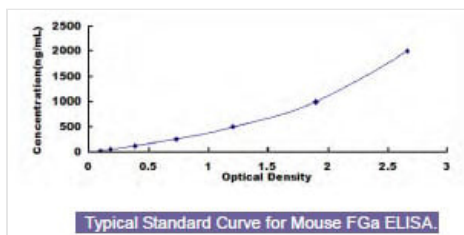
PRODUCT SYNONYMS

Fibrinogen Alpha (FGa); Mouse Fibrinogen Alpha (FGa) ELISA Kit; Fib2; FG-A; Fibrinopeptide A; FGa elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Specificity	This assay has high sensitivity and excellent specificity for detection of FGa. No significant cross-reactivity or interference between FGa and analogues was observed.
Sequence Length	789
Samples	Plasma.
Assay Type	Sandwich
Detection Range	31.25-2000ng/mL
Sensitivity	8.58ng/mL
Intra-assay Precision	Intra-assay Precision (Precision within an assay): 3 samples with low, middle and high level FGa were tested 20 times on one plate, respectively. Intra-Assay: CV<10%
Inter-assay Precision	Inter-assay Precision (Precision between assays): 3 samples with low, middle and high level FGa were tested on 3 different plates, 8 replicates in each plate. CV(%) = SD/meanX100. Inter-Assay: CV<12%
Preparation and Storage	For unopened kit, all reagents should be kept according to the labels on vials. The TMB Substrate, Wash Buffer, Stop Solution should be stored at 4 degree C. All others should be stored at -20 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for FGa elisa kit	Intended Uses: The kit is a sandwich enzyme immunoassay for in vitro quantitative measurement of FGa in mouse plasma. Principle of the Assay: The microtiter plate provided in this kit has been pre-coated with an antibody specific to FGa. Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated antibody preparation specific to 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 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 FGa in the samples is then determined by comparing the O.D. of the samples to the standard curve.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	167555029
NCBI GeneID	14161
NCBI Accession #	NP_001104518.1
NCBI GenBank Nucleotide #	NM_001111048.2
UniProt Accession #	E9PV24; Q99K47
Molecular Weight	61,326 Da
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; ENSMUSG00000059807
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.