

Mouse Fibrinogen Gamma (FGg) ELISA Kit | FGg elisa kit

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CATALOG #
AAA188189

REACTIVITY
Mouse

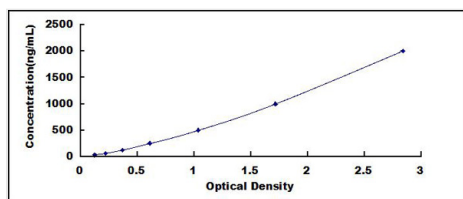
PRODUCT SYNONYMS

Fibrinogen Gamma (FGg); Mouse Fibrinogen Gamma (FGg) ELISA Kit; FG-G; FGg elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Specificity	This assay has high sensitivity and excellent specificity for detection of Fibrinogen Gamma (FGg). No significant cross-reactivity or interference between Fibrinogen Gamma (FGg) and analogues was observed.
Sequence Length	436
Assay Type	Double-antibody Sandwich
Samples	Plasma
Detection Range	31.2-2,000ng/mL
Sensitivity	The minimum detectable dose of this kit is typically less than 13.4ng/mL
Precision	Intra-assay Precision (Precision within an assay): 3 samples with low, middle and high level Fibrinogen Gamma (FGg) were tested 20 times on one plate, respectively. Inter-assay Precision (Precision between assays): 3 samples with low, middle and high level Fibrinogen Gamma (FGg) were tested on 3 different plates, 8 replicates in each plate. $CV(\%) = SD/mean \times 100$ Intra-Assay: $CV < 10\%$ Inter-Assay: $CV < 12\%$
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)

ADDITIONAL INFORMATION

Related Product Information for FGg elisa kit	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 Fibrinogen Gamma (FGg). Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated antibody specific to Fibrinogen Gamma (FGg). 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 Fibrinogen Gamma (FGg), 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 Fibrinogen Gamma (FGg) 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 #	19527078
NCBI GeneID	99571
NCBI Accession #	NP_598623.1
NCBI GenBank Nucleotide #	NP_598623.1
UniProt Accession #	Q8VCM7
NCBI Official Full Name	fibrinogen gamma chain isoform 1
NCBI Official Synonym Full Names	fibrinogen gamma chain
NCBI Official Symbol	Fgg
NCBI Official Synonym Symbols	A1256424; 3010002H13Rik
NCBI Protein Information	fibrinogen gamma chain
UniProt Protein Name	Fibrinogen gamma chain
UniProt Gene Name	Fgg
UniProt Entry Name	FIBG_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.