

Mouse Fibrinogen Alpha ELISA Kit | FGalpha elisa kit

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CATALOG #
AAA86334

REACTIVITY
Mouse

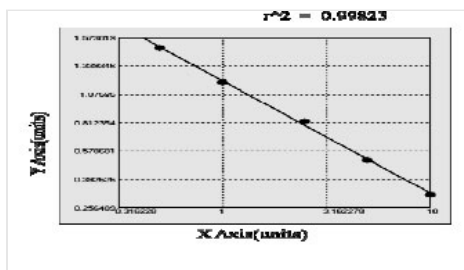
PRODUCT SYNONYMS

Fibrinogen Alpha; Mouse Fibrinogen Alpha ELISA Kit; FGalpha elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Samples	Serum, plasma, Cell Culture Supernatants, body fluid and tissue homogenate
Assay Type	Competitive
Detection Range	100-2500ng/mL
Sensitivity	1.0ng/mL
Preparation and Storage	Store all reagents at 2-8 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for FGalpha elisa kit

Intended Uses: This FGalpha ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Mouse FGalpha. This ELISA kit for research use only!

Principle of the Assay: FGalpha ELISA kit applies the competitive enzyme immunoassay technique utilizing a monoclonal anti-FGalpha antibody and an FGalpha-HRP conjugate. The assay sample and buffer are incubated together with FGalpha-HRP conjugate in pre-coated plate for one hour. After the incubation period, the wells are decanted and washed five times. The wells are then incubated with a substrate for HRP enzyme. The product of the enzyme-substrate reaction forms a blue colored complex. Finally, a stop solution is added to stop the reaction, which will then turn the solution yellow. The intensity of color is measured spectrophotometrically at 450nm in a microplate reader. The intensity of the color is inversely proportional to the FGalpha concentration since FGalpha from samples and FGalpha-HRP conjugate compete for the anti-FGalpha antibody binding site. Since the number of sites is limited, as more sites are occupied by FGalpha from the sample, fewer sites are left to bind FGalpha-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The FGalpha concentration in each sample is interpolated from this standard curve.

Product Categories/Family for FGalpha elisa kit

Cardiovascular

NCBI AND UNIPROT INFORMATION

NCBI GI #	11761629
NCBI GeneID	2243
NCBI Accession #	NP_068657.1
NCBI GenBank Nucleotide #	NM_021871.2
Molecular Weight	69,757 Da
NCBI Official Full Name	fibrinogen alpha chain isoform alpha preproprotein
NCBI Official Synonym Full Names	fibrinogen alpha chain
NCBI Official Symbol	FGA
NCBI Official Synonym Symbols	Fib2
NCBI Protein Information	fibrinogen alpha chain; fibrinogen, A alpha polypeptide
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://www.aaabiotech.com/fgalpha-mouse-elisa-kits/fibrinogen-alpha/86334>