

Human Fibrinogen Alpha ELISA Kit | FGAlpha elisa kit

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CATALOG #
AAA87549

REACTIVITY
Human

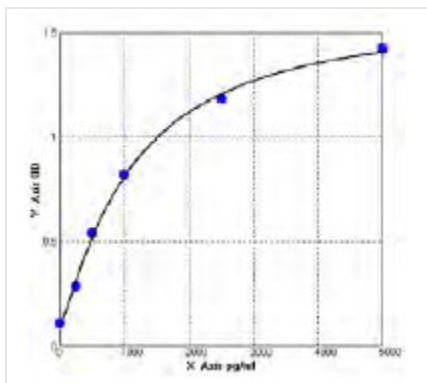
PRODUCT SYNONYMS

Fibrinogen Alpha; Human Fibrinogen Alpha ELISA Kit; FGAlpha elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of FGAlpha. No significant cross-reactivity or interference between FGAlpha and analogues was observed. NOTE: Limited by current skills and knowledge, it is impossible for us to complete the cross-reactivity detection between FGAlpha and all the analogues, therefore, cross reaction may still exist in some cases.
Samples	Serum, plasma, cell culture supernatants, body fluid and tissue homogenate
Assay Type	Competitive or Sandwich
Sensitivity	1.0 pg/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 Human FGAlpha. This ELISA kit for research use only! Principle of the Assay: FGAlpha ELISA kit applies the quantitative sandwich enzyme immunoassay technique. The microtiter plate has been pre-coated with a monoclonal antibody specific for FGAlpha. Standards or samples are then added to the microtiter plate wells and FGAlpha if present, will bind to the antibody pre-coated wells. In order to quantitatively determine the amount of FGAlpha present in the sample, a standardized preparation of horseradish peroxidase (HRP)-conjugated polyclonal antibody, specific for FGAlpha are added to each well to "sandwich" the FGAlpha immobilized on the plate. The microtiter plate undergoes incubation, and then the wells are thoroughly washed to remove all unbound components. Next, substrate solutions are added to each well. The enzyme (HRP) and substrate are allowed to react over a short incubation period. Only those wells that contain FGAlpha and enzyme-conjugated antibody will exhibit a change in color. The enzyme-substrate reaction is terminated by addition of a sulphuric acid solution and the color change is measured spectrophotometrically at a wavelength of 450 nm. 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-human-elisa-kits/fibrinogen-alpha/87549>