

Human Fibrinogen beta ELISA Kit | FGbeta elisa kit

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CATALOG #
AAA16173

REACTIVITY
Human

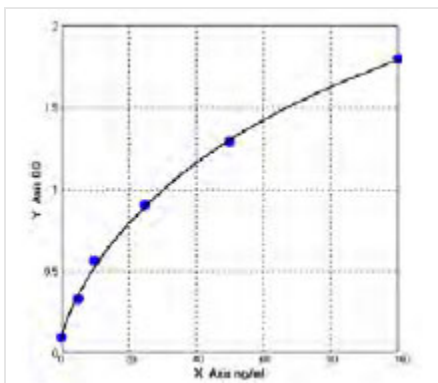
PRODUCT SYNONYMS

Fibrinogen beta; Human Fibrinogen beta ELISA Kit; Human Fibrinogen b ELISA Kit; FGbeta elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of FGbeta. No significant cross-reactivity or interference between FGbeta and analogues was observed. NOTE: Limited by current skills and knowledge, it is impossible for us to complete the cross-reactivity detection between FGbeta 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 ng/mL
Preparation and Storage	Store all reagents at 2-8 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for FGBeta elisa kit	Intended Uses: This FGBeta ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Human FGBeta. This ELISA kit for research use only! Principle of the Assay: FGBeta ELISA kit applies the quantitative sandwich enzyme immunoassay technique. The microtiter plate has been pre-coated with a monoclonal antibody specific for FGBeta. Standards or samples are then added to the microtiter plate wells and FGBeta if present, will bind to the antibody pre-coated wells. In order to quantitatively determine the amount of FGBeta present in the sample, a standardized preparation of horseradish peroxidase (HRP)-conjugated polyclonal antibody, specific for FGBeta are added to each well to "sandwich" the FGBeta 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 FGBeta 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 FGBeta concentration in each sample is interpolated from this standard curve.
Product Categories/Family for FGBeta elisa kit	Cardiovascular

NCBI AND UNIPROT INFORMATION

NCBI GI #	70906435
NCBI GeneID	2244
NCBI Accession #	NP_005132.2
NCBI GenBank Nucleotide #	NM_005141.4
Molecular Weight	55,928 Da
NCBI Official Full Name	fibrinogen beta chain isoform 1 preproprotein
NCBI Official Synonym Full Names	fibrinogen beta chain
NCBI Official Symbol	FGB
NCBI Official Synonym Symbols	HEL-S-78p
NCBI Protein Information	fibrinogen beta chain; fibrinogen, B beta polypeptide; epididymis secretory sperm binding protein Li 78p
UniProt Protein Name	Fibrinogen beta chain
UniProt Gene Name	FGB
UniProt Entry Name	FIBB_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/fgbeta-human-elisa-kits/fibrinogen-beta/16173>