

Human fibrinogen beta chain (FGB) ELISA Kit | FGB elisa kit

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CATALOG #
AAA247165

REACTIVITY
Human

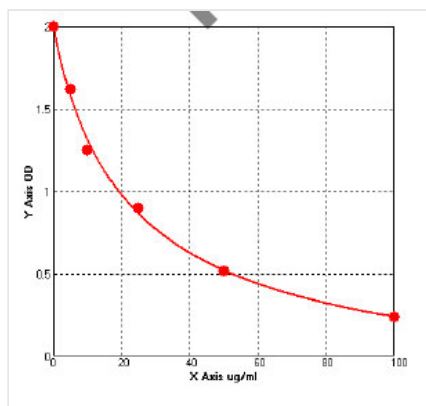
PRODUCT SYNONYMS

fibrinogen beta chain (FGB); Human fibrinogen beta chain (FGB) ELISA Kit; FGB elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of FGB. No significant cross-reactivity or interference between FGB and analogues was observed. NOTE: Limited by current skills and knowledge, it is impossible for us to complete the cross-reactivity detection between FGB and all the analogues, therefore, cross reaction may still exist in some cases.
Sequence Length	491
Assay Type	Quantitative Competitive
Samples	Serum, plasma, cell culture supernatants, body fluid and tissue homogenate
Sensitivity	1.0 ug/mL

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for FGB elisa kit	Principle of the Assay: FGB ELISA kit applies the competitive enzyme immunoassay technique utilizing an anti-FGB antibody and an FGB-HRP conjugate. The assay sample and buffer are incubated together with FGB-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 FGB concentration since FGB from samples and FGB-HRP conjugate compete for the anti-FGB antibody binding site. Since the number of sites is limited, as more sites are occupied by FGB from the sample, fewer sites are left to bind FGB-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The FGB concentration in each sample is interpolated from this standard curve. Intended Uses: This FGB ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Human FGB. This ELISA kit for research use only, not for therapeutic or test applications!
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NCBI AND UNIPROT INFORMATION

NCBI GI #	7924018
NCBI GeneID	2244
Molecular Weight	55,928 Da
NCBI Official Full Name	fibrinogen beta chain
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
UniProt Protein Name	Fibrinogen beta chain
UniProt Gene Name	FGB

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.