

Human Fibrinogen beta chain ELISA Kit | FGB elisa kit

Human Fibrinogen beta chain (FGB) ELISA Kit

CATALOG # AAA55808	REACTIVITY Human
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PRODUCT SYNONYMS

Fibrinogen beta chain; Human Fibrinogen beta chain (FGB) ELISA Kit; MGC104327; MGC120405; fibrinogen; B beta polypeptide|fibrinogen; beta chain; FGB elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of Human FGB. No significant cross-reactivity or interference between Human FGB and analogues was observed.
Sequence Length	491
Assay Type	Quantitative Sandwich
Samples	Serum, plasma and other biological fluids
Detection Range	3.12 ng/mL - 200 ng/mL
Sensitivity	1.56 ng/mL (mean of 6 independent assays)
Intra-assay Precision	Intra-assay Precision (Precision within an assay) Three samples of known concentration were tested twenty times on one plate to assess intra-assay precision. Intra-Assay: CV<8%
Inter-assay Precision	Inter-assay Precision (Precision between assays) Three samples of known concentration were tested in forty separate assays to assess inter-assay precision. CV (%) = SD/meanX100. Inter-Assay: CV<12%
Preparation and Storage	Store at 2-8 degree C.

ADDITIONAL INFORMATION

Related Product Information for FGB elisa kit	Principle of the Assay: This assay employs a two-site sandwich ELISA to quantitate FGB in Human serum, plasma. An antibody specific for FGB has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any FGB present is bound by the immobilized antibody. After removing any unbound substances, a biotin-conjugated antibody specific for FGB is added to the wells. After washing, Streptavidin conjugated Horseradish Peroxidase (HRP) is added to the wells. Following a wash to remove any unbound avidin-enzyme reagent, a substrate solution is added to the wells and color develops in proportion to the amount of FGB bound in the initial step. The color development is stopped and the intensity of the color is measured. Intended Uses: For the quantitative detection of Human Fibrinogen beta chain (FGB) concentration in serum, plasma and other biological fluids.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	296080754
NCBI GeneID	2244
NCBI Accession #	NP_001171670.1
NCBI GenBank Nucleotide #	NM_001184741.1
UniProt Accession #	P02675; Q32Q65; Q3KPF2; A0JLR9; B2R7G3

Molecular Weight	55,928 Da
NCBI Official Full Name	fibrinogen beta chain isoform 2 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
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.

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Online datasheet: <https://www.aaabiotech.com/fgb-human-elisa-kits/fibrinogen-beta-chain/55808>