

Human coagulation factor XIII, B polypeptide ELISA Kit | F13B elisa kit

Human Coagulation factor XIII B chain, F13B ELISA Kit

CATALOG #
AAA112445

REACTIVITY
Human

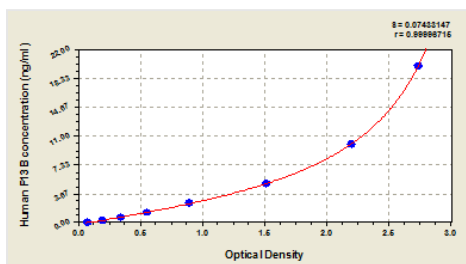
PRODUCT SYNONYMS

coagulation factor XIII; B polypeptide; Human Coagulation factor XIII B chain; F13B ELISA Kit; Human Coagulation factor XIII B chain (F13B) ELISA kit; FXIIIB; TGase; coagulation factor XIII B subunit; F13B elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of Human F13B. No significant cross-reactivity or interference between Human F13B and analogues was observed.
Sequence Length	661
Samples	Serum, plasma, urine, tissue homogenates
Assay Type	Sandwich
Detection Range	0.312 ng/ml-20 ng/ml
Sensitivity	0.078 ng/ml
Intra-assay Precision	Intra-assay Precision (Precision within an assay): CV% is less than 8% Three samples of known concentration were tested twenty times on one plate to assess. Inter-assay Precision (Precision between assays): CV% is less than 10% Three samples of known concentration were tested in twenty assays to assess.
Detection Wavelength	450 nm
Sample Volume	50-100ul
Protein Biological Process 1	Blood Coagulation
Protein Biological Process 3	Blood coagulation
Preparation and Storage	Unopened test kits should be stored at 2 to 8 degree C upon receipt. Please refer to pdf manual for further storage instructions.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for F13B elisa kit	Principle of the Assay: This assay employs the quantitative sandwich enzyme immunoassay technique. Antibody specific for F13B has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any F13B present is bound by the immobilized antibody. After removing any unbound substances, a biotin-conjugated antibody specific for F13B is added to the wells. After washing, avidin 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 F13B bound in the initial step. The color development is stopped and the intensity of the color is measured.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	110611237
NCBI GeneID	2165
NCBI Accession #	NP_001985.2
NCBI GenBank Nucleotide #	NM_001994.2
UniProt Accession #	P05160; Q5VYL5; A8K3E5
Molecular Weight	75,511 Da
NCBI Official Full Name	coagulation factor XIII B chain
NCBI Official Synonym Full Names	coagulation factor XIII, B polypeptide
NCBI Official Symbol	F13B
NCBI Official Synonym Symbols	FXIIIB
NCBI Protein Information	coagulation factor XIII B chain; TGase; transglutaminase B chain; fibrin-stabilizing factor B subunit; protein-glutamine gamma-glutamyltransferase B chain
UniProt Protein Name	Coagulation factor XIII B chain
UniProt Gene Name	F13B
UniProt Entry Name	F13B_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://stage.aaabiotech.com/f13b-human-elisa-kits/coagulation-factor-xiii-b-polypeptide/112445>