

Human Coagulation factor X ELISA Kit | F10 elisa kit

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CATALOG #
AAA101154

REACTIVITY
Human

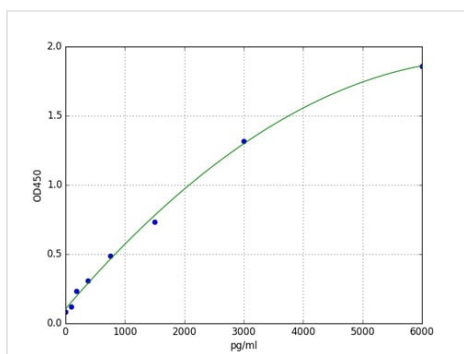
PRODUCT SYNONYMS

Coagulation factor X; Human Coagulation factor X ELISA Kit; F10 (Coagulation Factor X)/Cf10/FX/FXa/Prothrombinase/Stuart Factor/factor Xa/FXA/Stuart-Prower factor; F10 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Sequence Length	488
Assay Type	Sandwich ELISA, Double Antibody
Samples	Serum, Plasma, Cell Culture Supernatant, cell or tissue lysate, Other liquid samples
Detection Range	0.625-40ng/ml
Sensitivity	0.375ng/ml
Preparation and Storage	Store entire kit at 2-8C for short-term. For longer-term, please store the microplate & standard at -20C, while the remaining reagents can be stored at 2-8C

IMAGES



Standard Curve (Sample)

Typical Data & Standard Curve

Results of a typical standard run of a Human F10 ELISA Kit are shown below. This standard curve was generated at our lab for demonstration purpose only. Each user should obtain their own standard curve as per experiment. (N/A=not applicable)

X	pg/ml	0	93.8	187.5	375	750	1500	3000	6000
Y	OD450	0.089	0.176	0.262	0.415	0.709	1.098	1.595	2.031

Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for F10 elisa kit

Principle of the Assay||This kit was based on sandwich enzyme-linked immune-sorbent assay technology. Anti-Human F10 antibody was pre-coated onto 96-well plates. And the biotin conjugated anti-Human F10 antibody was used as detection antibodies. The standards, test samples and biotin conjugated detection antibody were added to the wells subsequently, and wash with wash buffer. HRP-Streptavidin was added and unbound conjugates were washed away with wash buffer. TMB substrates were used to visualize HRP enzymatic reaction. TMB was catalyzed by HRP to produce a blue color product that changed into yellow after adding acidic stop solution. The density of yellow is proportional to the Human F10 amount of sample captured in plate. Read the O.D. absorbance at 450nm in a microplate reader, and then the concentration of Human F10 can be calculated.

NCBI AND UNIPROT INFORMATION

NCBI GI #	4503625
NCBI GeneID	2159
NCBI Accession #	NP_000495.1
NCBI GenBank Nucleotide #	NM_000504.3
Molecular Weight	54,732 Da
NCBI Official Full Name	coagulation factor X isoform 1 preproprotein
NCBI Official Synonym Full Names	coagulation factor X
NCBI Official Symbol	F10
NCBI Official Synonym Symbols	FX; FXA
NCBI Protein Information	coagulation factor X
UniProt Protein Name	Coagulation factor X
UniProt Gene Name	F10
UniProt Entry Name	FA10_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/f10-human-elisa-kits/coagulation-factor-x/101154>