

General Factor X total antigen assay ELISA Kit | F10 elisa kit

Human Factor X total antigen assay ELISA Kit

CATALOG #
AAA37771

REACTIVITY
General

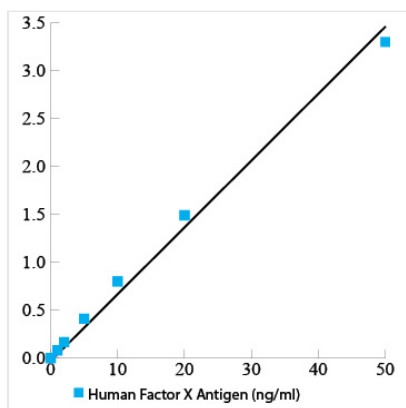
PRODUCT SYNONYMS

Factor X total antigen assay; Human Factor X total antigen assay ELISA Kit; F10 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	General
Specificity	These studies are currently in progress. Please contact us for more information.
Form/Format	Complete Kit
Sequence Length	488
Samples	Human plasma
Intra-assay Precision	These studies are currently in progress. Please contact us for more information.
Inter-assay Precision	These studies are currently in progress. Please contact us for more information.
Preparation and Storage	Store at 4 degree C. Shelf Life: 6 months from manufacture, see label for expiration date

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for F10 elisa kit	Intended Uses: This human coagulation Factor X antigen assay is intended for the quantitative determination of total Factor X antigen in human plasma. For research use only. Principle of the Assay: Human Factor X will bind to the capture antibody coated on the microtiter plate. Factor X and Xa will react with the antibody on the plate. After appropriate washing steps, polyclonal anti-human Factor X primary antibody binds to the captured protein. Excess primary antibody is washed away and bound antibody, which is proportional to the total Factor X present in the samples, is reacted with the secondary antibody. Following an additional washing step, TMB substrate is used for color development at 450nm. A standard calibration curve is prepared along with the samples to be measured using dilutions of human Factor X. Color development is proportional to the concentration of Factor X in the samples. Background: Factor X is a disulfide linked two-chain glycoprotein zymogen and is the precursor of the coagulation enzyme Factor Xa [1]. Factor X is activated by Factor IXa in complex with Factor VIII, calcium and phospholipids during the intrinsic pathway and by Factor VIIa in complex with Tissue Factor, calcium and phospholipids during the extrinsic pathway of the coagulation cascade [2].
Product Categories/Family for F10 elisa kit	Factor X; Human Factor X ELISA Kits

NCBI AND UNIPROT INFORMATION

NCBI GI #	4503625
NCBI GeneID	2159
NCBI Accession #	NP_000495.1
NCBI GenBank Nucleotide #	NM_000504.3
UniProt Accession #	P00742; Q14340
Molecular Weight	54,732 Da
NCBI Official Full Name	coagulation factor X 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; factor Xa; prothrombinase; Stuart-Prower factor
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.