

Mouse Coagulation Factor X (F10) ELISA Kit | F10 elisa kit

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CATALOG #
AAA63379

REACTIVITY
Mouse

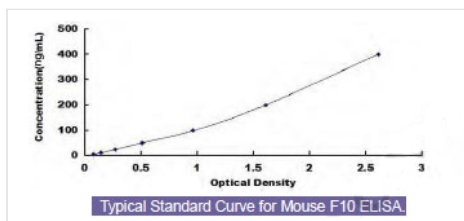
PRODUCT SYNONYMS

Coagulation Factor X (F10); Mouse Coagulation Factor X (F10) ELISA Kit; FX; FXA; Stuart Prower Factor; Thrombokinas; F10 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Specificity	This assay has high sensitivity and excellent specificity for detection of F10. No significant cross-reactivity or interference between F10 and analogues was observed.
Sequence Length	481
Samples	Mouse plasma or other biological fluids
Assay Type	Quantitative Sandwich
Detection Range	6.25-400ng/mL
Sensitivity	< 2.35ng/mL
Intra-assay Precision	Intra-assay Precision (Precision within an assay): 3 samples with low, middle and high level F10 were tested 20 times on one plate, respectively. Intra-Assay: CV<10%
Inter-assay Precision	Inter-assay Precision (Precision between assays): 3 samples with low, middle and high level F10 were tested on 3 different plates, 8 replicates in each plate. CV(%) = SD/meanX100. Inter-Assay: CV<12%
Preparation and Storage	For unopened kit, all reagents should be kept according to the labels on vials. The TMB Substrate, Wash Buffer, Stop Solution should be stored at 4 degree C. All others should be stored at -20 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for F10 elisa kit	Intended Uses: The kit is a sandwich enzyme immunoassay for the in vitro quantitative measurement of F10 in mouse plasma or other biological fluids. Principle of the Assay: The microtiter plate provided in this kit has been pre-coated with an antibody specific to F10. Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated antibody preparation specific to F10. Next, Avidin conjugated to Horseradish Peroxidase (HRP) is added to each microplate well and incubated. After TMB substrate solution is added, only those wells that contain F10, biotin-conjugated antibody and enzyme-conjugated Avidin will exhibit a change in color. The enzyme-substrate reaction is terminated by the addition of sulphuric acid solution and the color change is measured spectrophotometrically at a wavelength of 450nm +/- 10nm. The concentration of F10 in the samples is then determined by comparing the O.D. of the samples to the standard curve.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	110625994
NCBI GeneID	14058
NCBI Accession #	NP_031998.3
NCBI GenBank Nucleotide #	NM_007972.4
UniProt Accession #	O88947; O54740; Q99L32
Molecular Weight	54,018 Da
NCBI Official Full Name	coagulation factor X isoform 2 preproprotein
NCBI Official Synonym Full Names	coagulation factor X
NCBI Official Symbol	F10
NCBI Official Synonym Symbols	fX; Cf10
NCBI Protein Information	coagulation factor X
UniProt Protein Name	Coagulation factor X
UniProt Gene Name	F10

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/mouse-elisa-kits/coagulation-factor-x-f10/63379>