

Mouse Coagulation Factor XI (F11) ELISA Kit | F11 elisa kit

Mouse Coagulation Factor XI (F11)(Sandwich ELISA) ELISA Kit

CATALOG # AAA150892	REACTIVITY Mouse	APPLICATIONS ELISA
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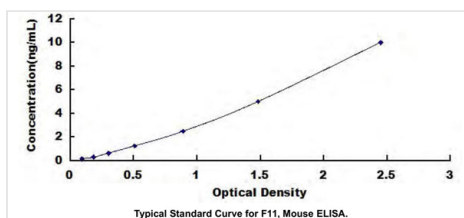
PRODUCT SYNONYMS

Coagulation Factor XI (F11); Mouse Coagulation Factor XI (F11)(Sandwich ELISA) ELISA Kit; ELISA Kit for Coagulation Factor XI (F11); F11/Coagulation Factor XI; FXI; PTA; Fletcher Factor; Prekallikrein; Plasma Thromboplastin Antecedent; F11 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Specificity	This assay has high sensitivity and excellent specificity for detection of F11. No significant cross-reactivity or interference between F11 and analogues was observed.
Assay Type	Quantitative Sandwich
Samples	Mouse serum, plasma and other biological fluids
Detection Range	0.156-10ng/mL
Sensitivity	< 0.055ng/mL
Applicable Applications for F11 elisa kit	ELISA
Intra-assay Precision	Intra-assay Precision (Precision within an assay): 3 samples with low, middle and high level F11 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 F11 were tested on 3 different plates, 8 replicates in each plate. CV(%) = SD/meanX100. Inter-Assay: CV<12%
Preparation and Storage	Store at 4 degree C for 1 month; -20 degree C for long-term (within shelf life) The stability of kit is determined by the loss rate of activity. The loss rate of this kit is less than 5% within the expiration date under appropriate storage condition. To minimize extra influence on the performance, operation procedures and lab conditions, especially room temperature, air humidity, incubator temperature should be strictly controlled. It is also strongly suggested that the whole assay is performed by the same operator from the beginning to the end.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for F11 elisa kit	Principle of the Assay: The microplate provided in this kit has been pre-coated with an antibody specific to F11. Standards or samples are then added to the appropriate microplate wells with a biotin-conjugated antibody specific to F11. 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 F11, 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 $\pm$ 10nm. The concentration of F11 in the samples is then determined by comparing the O.D. of the samples to the standard curve. Intended Uses: The kit is a sandwich enzyme immunoassay for in vitro quantitative measurement of F11 in mouse serum, plasma and other biological fluids.
Product Categories/Family for F11 elisa kit	Signal transduction ; Developmental science

NCBI AND UNIPROT INFORMATION

NCBI GI #	21312500
NCBI GeneID	109821
NCBI Accession #	NP_082342.1
NCBI GenBank Nucleotide #	NM_028066.1
UniProt Accession #	Q91Y47 ; Q9DAT3
Molecular Weight	69,789 Da
NCBI Official Full Name	coagulation factor XI
NCBI Official Synonym Full Names	coagulation factor XI
NCBI Official Symbol	F11
NCBI Official Synonym Symbols	FXI; Cf11; AI503996; 1600027G01Rik
NCBI Protein Information	coagulation factor XI; PTA; plasma thromboplastin antecedent
UniProt Protein Name	Coagulation factor XI
UniProt Gene Name	F11
UniProt Synonym Gene Names	FXI; PTA
UniProt Entry Name	FA11_MOUSE

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-xi-f11/150892>