

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

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CATALOG #
AAA63647

REACTIVITY
Rat

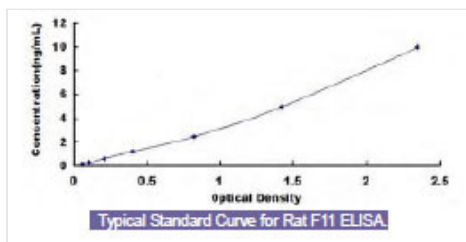
PRODUCT SYNONYMS

Coagulation Factor XI (F11); Rat Coagulation Factor XI (F11) ELISA Kit; FXI; PTA; Fletcher Factor; Prekallikrein; Plasma Thromboplastin Antecedent; F11 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Rat
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.
Sequence Length	556
Samples	Plasma and other biological fluids.
Assay Type	Sandwich
Detection Range	0.156-10ng/mL
Sensitivity	0.067ng/mL
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	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 F11 elisa kit	Intended Uses: The kit is a sandwich enzyme immunoassay for in vitro quantitative measurement of F11 in rat plasma and other biological fluids. Principle of the Assay: The microtiter plate provided in this kit has been pre-coated with an antibody specific to F11. Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated antibody preparation 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 +/- 10nm. The concentration of F11 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 #	114145441
NCBI GeneID	290757
NCBI Accession #	NP_001041313.1
NCBI GenBank Nucleotide #	NM_001047848.1
UniProt Accession #	Q6TUF8
Molecular Weight	62,990 Da
NCBI Official Full Name	coagulation factor XI
NCBI Official Synonym Full Names	coagulation factor XI
NCBI Official Symbol	F11
NCBI Official Synonym Symbols	LRRGT00086
NCBI Protein Information	coagulation factor XI
UniProt Protein Name	LRRGT00086
UniProt Gene Name	F11

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.