

Rat Coagulation Factor X ELISA Kit | FX elisa kit

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CATALOG #
AAA98884

REACTIVITY
Rat

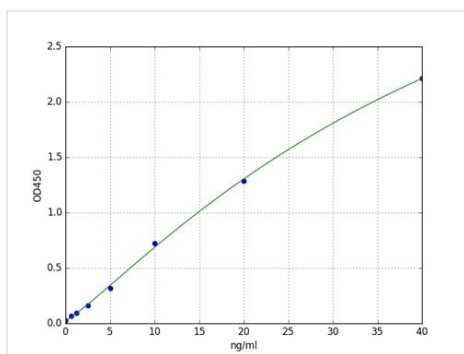
PRODUCT SYNONYMS

Coagulation Factor X; Rat Coagulation Factor X ELISA Kit; FX/F10/Cf10/FXa/Prothrombinase/Stuart Factor/coagulation factor X/factor Xa/FXA/prothrombinase/Stuart factor/Stuart-Prower factor; FX elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Rat
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 Rat FX 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	ng/ml	0	0.625	1.25	2.5	5	10	20	40
Y	OD450	0.028	0.068	0.083	0.182	0.281	0.971	1.181	2.600

Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for FX elisa kit

Principle of the Assay||This kit was based on sandwich enzyme-linked immune-sorbent assay technology. anti-Rat FX antibody was pre-coated onto 96-well plates. And the biotin conjugated anti-Rat FX 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 Rat FX amount of sample captured in plate. Read the O.D. absorbance at 450nm in a microplate reader, and then the concentration of Rat FX 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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/fx-rat-elisa-kits/coagulation-factor-x/98884>