

Rat Coagulation Factor X ELISA Kit | F10 elisa kit

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CATALOG #
AAA85580

REACTIVITY
Rat

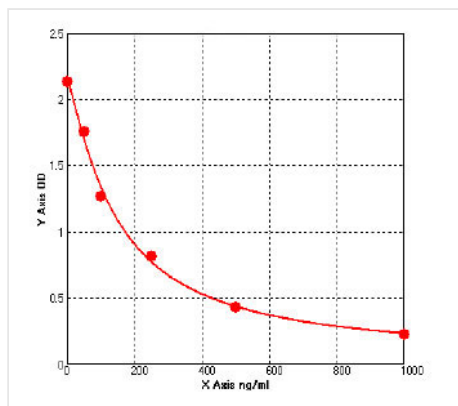
PRODUCT SYNONYMS

Coagulation Factor X; Rat Coagulation Factor X ELISA Kit; F10 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Rat
Specificity	This assay has high sensitivity and excellent specificity for detection of CFX. No significant cross-reactivity or interference between CFX and analogues was observed. NOTE: Limited by current skills and knowledge, it is impossible for us to complete the cross-reactivity detection between CFX and all the analogues, therefore, cross reaction may still exist in some cases.
Assay Type	Quantitative Competitive or Sandwich
Samples	Serum, plasma, cell culture supernatants, body fluid and tissue homogenate
Sensitivity	1.0 ng/mL
Intended Uses	This F10 ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Rat F10. This ELISA kit for research use only, not for therapeutic applications!
Preparation and Storage	Store all reagents at 2-8 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for F10 elisa kit	Principle of the Assay: CFX ELISA kit applies the competitive enzyme immunoassay technique utilizing an anti-CFX antibody and an CFX-HRP conjugate. The assay sample and buffer are incubated together with CFX-HRP conjugate in pre-coated plate for one hour. After the incubation period, the wells are decanted and washed five times. The wells are then incubated with a substrate for HRP enzyme. The product of the enzyme-substrate reaction forms a blue colored complex. Finally, a stop solution is added to stop the reaction, which will then turn the solution yellow. The intensity of color is measured spectrophotometrically at 450nm in a microplate reader. The intensity of the color is inversely proportional to the CFX concentration since CFX from samples and CFX-HRP conjugate compete for the anti-CFX antibody binding site. Since the number of sites is limited, as more sites are occupied by CFX from the sample, fewer sites are left to bind CFX-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The CFX concentration in each sample is interpolated from this standard curve. Intended Uses: This CFX ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Rat CFX. This ELISA kit for research use only, not for therapeutic or test applications!
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NCBI AND UNIPROT INFORMATION

NCBI GI #	182390
NCBI GeneID	2159
Molecular Weight	54,732 Da
NCBI Official Full Name	coagulation factor X
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.