

Rat FXI ELISA Kit | FXI elisa kit

Rat FXI (Coagulation Factor XI) ELISA Kit

CATALOG #
AAA165491

REACTIVITY
Rat

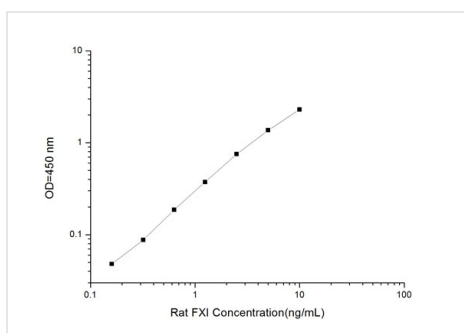
PRODUCT SYNONYMS

FXI; Rat FXI (Coagulation Factor XI) ELISA Kit; FXI elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Rat
Specificity	This assay has high sensitivity and excellent specificity for detection of Rat FXI. No significant cross-reactivity or interference between Rat FXI and analogues was observed. Note: Limited by current skills and knowledge, it is impossible for us to complete the cross- reactivity detection between Rat FXI and all the analogues, therefore, cross reaction may still exist.
Sequence Length	343
Samples	Serum, Plasma, Biological Fluids
Assay Type	Sandwich
Detection Range	0.156-10ng/mL
Sensitivity	Min: 0.094ng/mL; Max: 10ng/mL
Preparation and Storage	Store at 4 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for FXI elisa kit	Description: The kit is a sandwich enzyme immunoassay for in vitro quantitative measurement of FXI in Rat serum, plasma and other biological fluids Principle of the Assay: This ELISA kit uses Sandwich-ELISA as the method. The micro ELISA plate provided in this kit has been pre-coated with an antibody specific to Rat FXI. Standards or samples are added to the appropriate micro ELISA plate wells and bound by the specific antibody. Then a biotinylated detection antibody specific for Rat FXI and Avidin-Horseradish Peroxidase (HRP) conjugate is added to each micro plate well successively and incubated. Free components are washed away. The substrate solution is added to each well. Only those wells that contain Rat FXI, biotinylated detection antibody and Avidin-HRP conjugate will appear blue in color. The enzyme-substrate reaction is terminated by the addition of a sulphuric acid solution and the color turns yellow. The optical density (OD) is measured spectrophotometrically at a wavelength of 450 nm +/- 2 nm. The OD value is proportional to the concentration of Rat FXI. You can calculate the concentration of Rat FXI in the samples by comparing the OD of the samples to the standard curve.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	86821856
NCBI GeneID	407998
UniProt Accession #	Q5NTB3
Molecular Weight	69,872 Da
NCBI Official Full Name	F11 protein
NCBI Official Synonym Full Names	coagulation factor XI<
NCBI Official Symbol	F11
NCBI Official Synonym Symbols	FXI
NCBI Protein Information	coagulation factor XI; PTA; blood coagulation factor XI; coagulation factor XI (plasma thromboplastin antecedent)
UniProt Protein Name	Coagulation factor XI
UniProt Gene Name	F11
UniProt Synonym Gene Names	FXI; PTA
UniProt Entry Name	FA11_BOVIN

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/rat-elisa-kits/fxi/165491>