

Bovine Coagulation Factor XI ELISA Kit | F11 elisa kit

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CATALOG #
AAA17061

REACTIVITY
Bovine

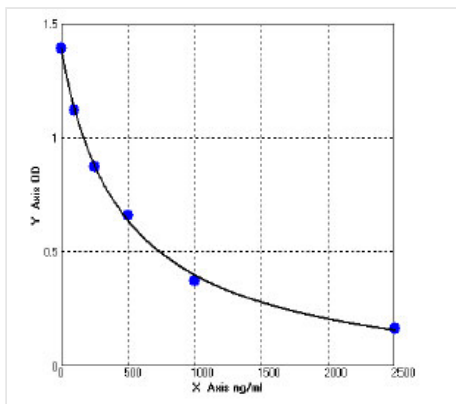
PRODUCT SYNONYMS

Coagulation Factor XI; Bovine Coagulation Factor XI ELISA Kit; F11 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Bovine
Specificity	This assay has high sensitivity and excellent specificity for detection of FXI. No significant cross-reactivity or interference between FXI and analogues was observed. NOTE: Limited by current skills and knowledge, it is impossible for us to complete the cross-reactivity detection between FXI and all the analogues, therefore, cross reaction may still exist in some cases.
Samples	Serum, plasma, cell culture supernatants, body fluid and tissue homogenate
Assay Type	Quantitative Competitive
Sensitivity	1.0 ng/mL
Preparation and Storage	Store all reagents at 2-8 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for F11 elisa kit	Intended Uses: This FXI ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Bovine FXI. This ELISA kit for research use only, not for therapeutic or test applications! Principle of the Assay: FXI ELISA kit applies the competitive enzyme immunoassay technique utilizing a polyclonal anti-FXI antibody and an FXI-HRP conjugate. The assay sample and buffer are incubated together with FXI-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 FXI concentration since FXI from samples and FXI-HRP conjugate compete for the anti-FXI antibody binding site. Since the number of sites is limited, as more sites are occupied by FXI from the sample, fewer sites are left to bind FXI-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The FXI concentration in each sample is interpolated from this standard curve.
Product Categories/Family for F11 elisa kit	Cardiovascular

NCBI AND UNIPROT INFORMATION

NCBI GI #	180352
NCBI GeneID	2160
Molecular Weight	63,840 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
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_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.