

Human Coagulation Factor XI ELISA Kit | F11 elisa kit

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CATALOG #
AAA84754

REACTIVITY
Human

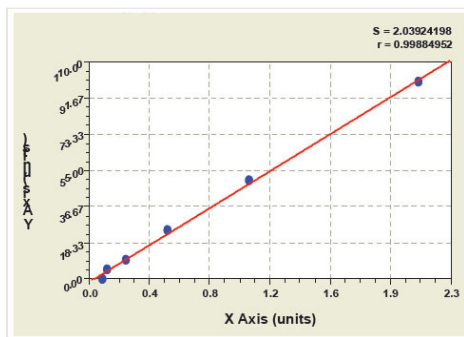
PRODUCT SYNONYMS

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

PRODUCT SPECIFICATIONS

Reactivity	Human
Samples	Serum, plasma, Cell Culture Supernatants, body fluid and tissue homogenate
Assay Type	Competitive or Sandwich
Detection Range	5.0-100ng/mL
Sensitivity	1.0ng/mL
Intended Uses	This FXI ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Human FXI. 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 F11 elisa kit

Principle of the Assay: FXI ELISA kit applies the quantitative sandwich enzyme immunoassay technique. The microtiter plate has been pre-coated with a monoclonal antibody specific for FXI. Standards or samples are then added to the microtiter plate wells and FXI if present, will bind to the antibody pre-coated wells. In order to quantitatively determine the amount of FXI present in the sample, a standardized preparation of horseradish peroxidase (HRP) -conjugated polyclonal antibody, specific for FXI are added to each well to "sandwich" the FXI immobilized on the plate. The microtiter plate undergoes incubation, and then the wells are thoroughly washed to remove all unbound components. Next, substrate solutions are added to each well. The enzyme (HRP) and substrate are allowed to react over a short incubation period. Only those wells that contain FXI and enzyme-conjugated antibody will exhibit a change in color. The enzyme-substrate reaction is terminated by addition of a sulphuric acid solution and the color change is measured spectrophotometrically at a wavelength of 450 nm. 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.

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.