

Human Coagulation factor X III ELISA Kit | FX III elisa kit

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CATALOG #
AAA85021

REACTIVITY
Human

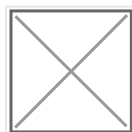
PRODUCT SYNONYMS

Coagulation factor X III; Human Coagulation factor X III ELISA Kit; FX III elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Samples	Serum, plasma, Cell Culture Supernatants, body fluid and tissue homogenate
Assay Type	Competitive
Detection Range	1.0-25ng/mL
Sensitivity	0.1ng/mL
Preparation and Storage	Store all reagents at 2-8 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for FX III elisa kit

Intended Uses: This F13 ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Human F13. This ELISA kit for research use only!

Principle of the Assay||F13 ELISA kit applies the competitive enzyme immunoassay technique utilizing a monoclonal anti-F13 antibody and an F13-HRP conjugate. The assay sample and buffer are incubated together with F13-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 F13 concentration since F13 from samples and F13-HRP conjugate compete for the anti-F13 antibody binding site. Since the number of sites is limited, as more sites are occupied by F13 from the sample, fewer sites are left to bind F13-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The F13 concentration in each sample is interpolated from this standard curve.

Product Categories/Family for FX III elisa kit

Cardiovascular

NCBI AND UNIPROT INFORMATION

NCBI GI

[116008305](#)

Molecular Weight	5,223 Da
NCBI Official Full Name	coagulation factor XIII, partial
UniProt Protein Name	Coagulation factor XIII
UniProt Gene Name	F13A1
UniProt Entry Name	A0A2H0_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.

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Online datasheet: <https://stage.aaabiotech.com/fx-iii-human-elisa-kits/coagulation-factor-x-iii/85021>