

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

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CATALOG #
AAA88754

REACTIVITY
Canine

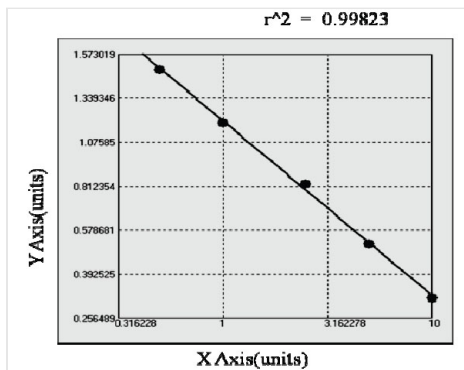
PRODUCT SYNONYMS

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

PRODUCT SPECIFICATIONS

Reactivity	Canine
Samples	Serum, plasma, Cell Culture Supernatants, body fluid and tissue homogenate
Assay Type	Competitive
Detection Range	0.5-10ng/mL
Sensitivity	0.1ng/mL
Intended Uses	This FX III ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Canine FX III. 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 FX III elisa kit

Principle of the Assay: FX III ELISA kit applies the competitive enzyme immunoassay technique utilizing a monoclonal anti-FX III antibody and an FX III-HRP conjugate. The assay sample and buffer are incubated together with FX III-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 FX III concentration since FX III from samples and FX III-HRP conjugate compete for the anti-FX III antibody binding site. Since the number of sites is limited, as more sites are occupied by FX III from the sample, fewer sites are left to bind FX III-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The FX III 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-canine-elisa-kits/coagulation-factor-x-iii/88754>