

Bovine Coagulation factor Xa ELISA Kit | FXa elisa kit

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CATALOG #
AAA94537

REACTIVITY
Bovine

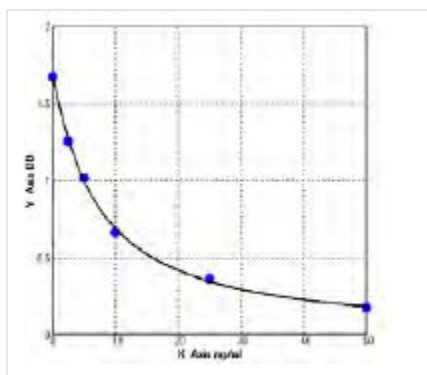
PRODUCT SYNONYMS

Coagulation factor Xa; Bovine Coagulation factor Xa ELISA Kit; FXa elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Bovine
Samples	Serum, Plasma, Cell Culture Supernatants, Body Fluid And Tissue Homogenate
Assay Type	Quantitative Competitive
Sensitivity	0.1 ug/mL.
Preparation and Storage	Store all reagents at 2-8 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for FXa elisa kit

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

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

NCBI AND UNIPROT INFORMATION

NCBI GI #	37926478
NCBI Official Full Name	Chain L, Human Coagulation Factor Xa In Complex With M55192

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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/fxa-bovine-ovine-elisa-kits/coagulation-factor-xa/94537>