

Sheep Coagulation Factor XII ELISA Kit | F12 elisa kit

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CATALOG #
AAA16734

REACTIVITY
Sheep

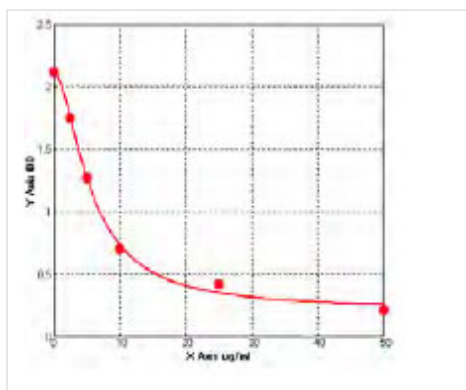
PRODUCT SYNONYMS

Coagulation Factor XII; Sheep Coagulation Factor XII ELISA Kit; F12 elisa kit

PRODUCT SPECIFICATIONS

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

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for F12 elisa kit

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

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

NCBI AND UNIPROT INFORMATION

NCBI GI #	4165317
NCBI GeneID	397474
Molecular Weight	68,012 Da
NCBI Official Full Name	FXII
NCBI Official Symbol	F12
NCBI Official Synonym Symbols	FXII
NCBI Protein Information	coagulation factor XII; HAF; hageman factor
UniProt Protein Name	Coagulation factor XII
UniProt Gene Name	F12
UniProt Synonym Gene Names	HAF
UniProt Entry Name	FA12_PIG

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/f12-sheep-elisa-kits/coagulation-factor-xii/16734>