

Human activated coagulation factor XII,FXIIa ELISA Kit | FXIIa elisa kit

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CATALOG #
AAA247129

REACTIVITY
Human

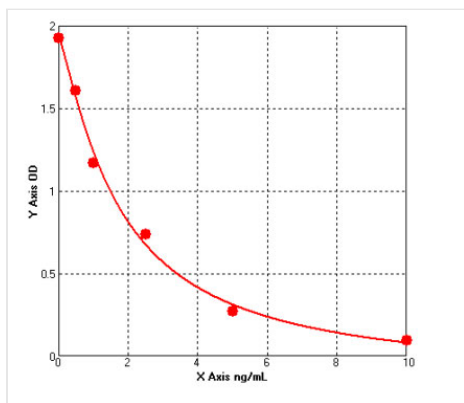
PRODUCT SYNONYMS

activated coagulation factor XII; FXIIa; Human activated coagulation factor XII; FXIIa ELISA Kit; FXIIa elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of FXIIa. No significant cross-reactivity or interference between FXIIa and analogues was observed. NOTE: Limited by current skills and knowledge, it is impossible for us to complete the cross-reactivity detection between FXIIa and all the analogues, therefore, cross reaction may still exist in some cases.
Assay Type	Quantitative Competitive
Samples	Serum, plasma, cell culture supernatants, body fluid and tissue homogenate
Sensitivity	0.1 ng/ml

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for FXIIa elisa kit	Principle of the Assay: FXIIa ELISA kit applies the competitive enzyme immunoassay technique utilizing a polyclonal anti-FXIIa antibody and an FXIIa-HRP conjugate. The assay sample and buffer are incubated together with FXIIa-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 FXIIa concentration since FXIIa from samples and FXIIa-HRP conjugate compete for the anti-FXIIa antibody binding site. Since the number of sites is limited, as more sites are occupied by FXIIa from the sample, fewer sites are left to bind FXIIa-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The FXIIa concentration in each sample is interpolated from this standard curve. Intended Uses: This FXIIa ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Human FXIIa. This ELISA kit for research use only, not for therapeutic or test applications!
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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/human-elisa-kits/activated-coagulation-factor-xiifxiia/247129>