

## Goat Coagulation factor Xa ELISA Kit | FXa elisa kit

Goat Coagulation factor Xa ELISA Kit

CATALOG #  
**AAA94440**

REACTIVITY  
**Goat**

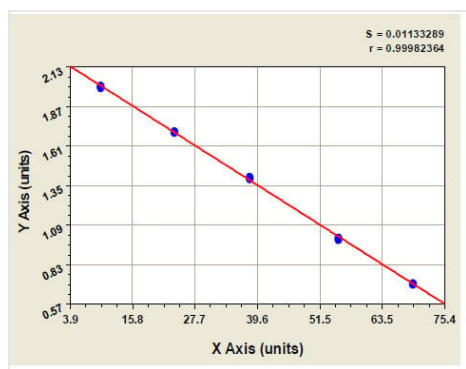
### PRODUCT SYNONYMS

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

### PRODUCT SPECIFICATIONS

|                         |                                                                                                                                                                                     |
|-------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Reactivity              | Goat                                                                                                                                                                                |
| Samples                 | Serum, plasma, Cell Culture Supernatants, body fluid and tissue homogenate                                                                                                          |
| Assay Type              | Competitive                                                                                                                                                                         |
| Sensitivity             | 1.0 ng/mL.                                                                                                                                                                          |
| Intended Uses           | This FXa ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Goat FXa. 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 FXa elisa kit

**Principle of the assay:** FXa ELISA kit applies the competitive enzyme immunoassay technique utilizing a monoclonal 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 #               | 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.

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Online datasheet: <https://stage.aaabiotech.com/fxa-goat-elisa-kits/coagulation-factor-xa/94440>