

## Bovine Coagulation Factor XI ELISA Kit | F11 elisa kit

Bovine Coagulation Factor XI ELISA Kit

CATALOG #  
**AAA17061**

REACTIVITY  
**Bovine**

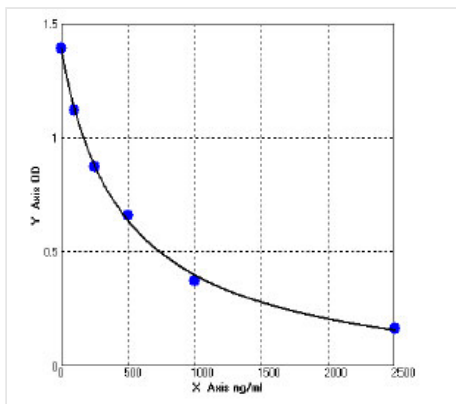
### PRODUCT SYNONYMS

Coagulation Factor XI; Bovine Coagulation Factor XI ELISA Kit; F11 elisa kit

### PRODUCT SPECIFICATIONS

|                         |                                                                                                                                                                                                                                                                                                                                                                                       |
|-------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Reactivity              | Bovine                                                                                                                                                                                                                                                                                                                                                                                |
| Specificity             | This assay has high sensitivity and excellent specificity for detection of FXI. No significant cross-reactivity or interference between FXI and analogues was observed. NOTE: Limited by current skills and knowledge, it is impossible for us to complete the cross-reactivity detection between FXI and all the analogues, therefore, cross reaction may still exist in some cases. |
| Samples                 | Serum, plasma, cell culture supernatants, body fluid and tissue homogenate                                                                                                                                                                                                                                                                                                            |
| Assay Type              | Quantitative Competitive                                                                                                                                                                                                                                                                                                                                                              |
| Sensitivity             | 1.0 ng/mL                                                                                                                                                                                                                                                                                                                                                                             |
| Preparation and Storage | Store all reagents at 2-8 degree C.                                                                                                                                                                                                                                                                                                                                                   |

### IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

|                                               |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
|-----------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Related Product Information for F11 elisa kit | <p>Intended Uses: This FXI ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Bovine FXI. This ELISA kit for research use only, not for therapeutic or test applications!</p> <p>Principle of the Assay: FXI ELISA kit applies the competitive enzyme immunoassay technique utilizing a polyclonal anti-FXI antibody and an FXI-HRP conjugate. The assay sample and buffer are incubated together with FXI-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 FXI concentration since FXI from samples and FXI-HRP conjugate compete for the anti-FXI antibody binding site. Since the number of sites is limited, as more sites are occupied by FXI from the sample, fewer sites are left to bind FXI-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The FXI concentration in each sample is interpolated from this standard curve.</p> |
| Product Categories/Family for F11 elisa kit   | Cardiovascular                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |

NCBI AND UNIPROT INFORMATION

|                                  |                                                              |
|----------------------------------|--------------------------------------------------------------|
| NCBI GI #                        | 180352                                                       |
| NCBI GeneID                      | 2160                                                         |
| Molecular Weight                 | 63,840 Da                                                    |
| NCBI Official Full Name          | coagulation factor XI                                        |
| NCBI Official Synonym Full Names | coagulation factor XI                                        |
| NCBI Official Symbol             | F11                                                          |
| NCBI Official Synonym Symbols    | FXI                                                          |
| NCBI Protein Information         | coagulation factor XI; PTA; plasma thromboplastin antecedent |
| UniProt Protein Name             | Coagulation factor XI                                        |
| UniProt Gene Name                | F11                                                          |
| UniProt Synonym Gene Names       | FXI; PTA                                                     |
| UniProt Entry Name               | FA11_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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | [contact@aaabiotech.com](mailto:contact@aaabiotech.com)  
Online datasheet: <https://www.aaabiotech.com/f11-bovine-ovine-elisa-kits/coagulation-factor-xi/17061>