

## Pig coagulation factor X (F10) ELISA Kit | F10 elisa kit

Pig coagulation factor X, F10 ELISA Kit

CATALOG #  
AAA112878

REACTIVITY  
Pig

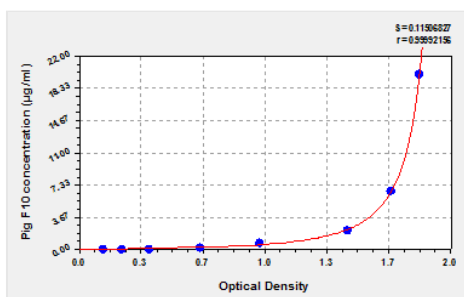
### PRODUCT SYNONYMS

coagulation factor X (F10); Pig coagulation factor X; F10 ELISA Kit; Pig coagulation factor X (F10) ELISA kit; F10 elisa kit

### PRODUCT SPECIFICATIONS

|                         |                                                                                                                                                                                 |
|-------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Reactivity              | Pig                                                                                                                                                                             |
| Specificity             | This assay has high sensitivity and excellent specificity for detection of pig F10. No significant cross-reactivity or interference between pig F10 and analogues was observed. |
| Sequence Length         | 488                                                                                                                                                                             |
| Samples                 | Serum, plasma, tissue homogenates                                                                                                                                               |
| Assay Type              | Quantitative Sandwich                                                                                                                                                           |
| Detection Range         | 0.027 ug/mL-20 ug/mL                                                                                                                                                            |
| Sensitivity             | < 0.027 ug/mL                                                                                                                                                                   |
| Intra-assay Precision   | Intra-assay Precision (Precision within an assay): CV%<8%. Three samples of known concentration were tested twenty times on one plate to assess.                                |
| Inter-assay Precision   | Inter-assay Precision (Precision between assays): CV%<10%. Three samples of known concentration were tested in twenty assays to assess.                                         |
| Preparation and Storage | Unopened test kits should be stored at 2 to 8 degree C upon receipt. Please refer to pdf manual for further storage instructions.                                               |

### IMAGES



Standard Curve (Sample)

### ADDITIONAL INFORMATION

#### Related Product Information for F10 elisa kit

Principle of the Assay: This assay employs the quantitative sandwich enzyme immunoassay technique. Antibody specific for F10 has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any F10 present is bound by the immobilized antibody. After removing any unbound substances, a Horseradish Peroxidase (HRP)-conjugated antibody specific for F10 is added to the wells. Following a wash to remove any unbound reagent, a substrate solution is added to the wells and color develops in proportion to the amount of F10 bound in the initial step. The color development is stopped and the intensity of the color is measured.

NCBI AND UNIPROT INFORMATION

|                                  |                                                                       |
|----------------------------------|-----------------------------------------------------------------------|
| NCBI GI #                        | 4503625                                                               |
| NCBI GeneID                      | 2159                                                                  |
| NCBI Accession #                 | NP_000495.1                                                           |
| NCBI GenBank Nucleotide #        | NM_000504.3                                                           |
| UniProt Accession #              | P00742; Q14340                                                        |
| Molecular Weight                 | 54,732 Da                                                             |
| NCBI Official Full Name          | coagulation factor X preproprotein                                    |
| NCBI Official Synonym Full Names | coagulation factor X                                                  |
| NCBI Official Symbol             | F10                                                                   |
| NCBI Official Synonym Symbols    | FX; FXA                                                               |
| NCBI Protein Information         | coagulation factor X; factor Xa; prothrombinase; Stuart-Prower factor |
| UniProt Protein Name             | Coagulation factor X                                                  |
| UniProt Gene Name                | F10                                                                   |
| UniProt Entry Name               | FA10_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.

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Online datasheet: <https://stage.aaabiotech.com/pig-elisa-kits/coagulation-factor-x-f10/112878>