

## Mouse FVII ELISA Kit | FVII elisa kit

Mouse FVII(Coagulation Factor VII)ELISA Kit

CATALOG #  
**AAA165901**

REACTIVITY  
**Mouse**

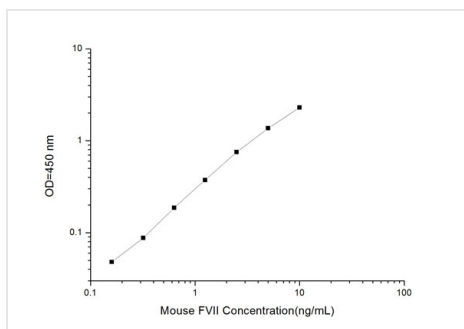
### PRODUCT SYNONYMS

FVII; Mouse FVII(Coagulation Factor VII)ELISA Kit; FVII elisa kit

### PRODUCT SPECIFICATIONS

|                         |                                                                                                                                                        |
|-------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------|
| Reactivity              | Mouse                                                                                                                                                  |
| Specificity             | This kit recognizes natural and recombinant Mouse FVII. No significant cross-reactivity or interference between Mouse FVII and analogues was observed. |
| Sequence Length         | 466                                                                                                                                                    |
| Samples                 | Serum, Plasma, Biological Fluids                                                                                                                       |
| Assay Type              | Sandwich                                                                                                                                               |
| Detection Range         | 0.156-10ng/mL                                                                                                                                          |
| Sensitivity             | Min: 0.094ng/mL; Max: 10ng/mL                                                                                                                          |
| Preparation and Storage | Store at 4 degree C.                                                                                                                                   |

### IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

|                                                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
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| Related Product Information for FVII elisa kit | <p>Intended Uses: This ELISA kit applies to the invitro quantitative determination of MouseFVIIconcentrations in serum, plasma and other biological fluids.</p> <p>Principle of the Assay: This ELISA kit uses Sandwich-ELISA as the method. The micro ELISA plate provided in this kit has been pre-coated with an antibody specific to FVII. Standards or samples are added to the appropriate micro ELISA plate wells and combined with the specific antibody. Then a biotinylated detection antibody specific for FVIIand Avidin-Horseradish Peroxidase (HRP) conjugate is added to each micro plate well successively and incubated. Free components are washed away. The substrate solution is added to each well. Only those wells that contain FVII, biotinylated detection antibody and Avidin-HRP conjugate will appear blue in color. The enzyme-substrate reaction is terminated by the addition of a sulphuric acid solution and the color turns yellow. The optical density (OD) is measured spectrophotometrically at a wavelength of 450 nm +/- 2 nm. The OD value is proportional to the concentration of FVII.You can calculate the concentration of FVIIin the samples by comparing the OD of the samples to the standard curve.</p> |
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NCBI AND UNIPROT INFORMATION

|                                  |                                                                              |
|----------------------------------|------------------------------------------------------------------------------|
| NCBI GI #                        | 37781363                                                                     |
| NCBI GeneID                      | 2155                                                                         |
| Molecular Weight                 | 49,320 Da                                                                    |
| NCBI Official Full Name          | FVII coagulation protein                                                     |
| NCBI Official Synonym Full Names | coagulation factor VII (serum prothrombin conversion accelerator)            |
| NCBI Official Symbol             | F7                                                                           |
| NCBI Official Synonym Symbols    | SPCA                                                                         |
| NCBI Protein Information         | coagulation factor VII; FVII coagulation protein; eptacog alfa; proconvertin |
| UniProt Protein Name             | Coagulation factor VII                                                       |
| UniProt Gene Name                | F7                                                                           |
| UniProt Synonym Gene Names       | SPCA                                                                         |
| UniProt Entry Name               | FA7_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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