

Rat Coagulation factor VII ELISA Kit | F7 elisa kit

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CATALOG #
AAA56958

REACTIVITY
Rat

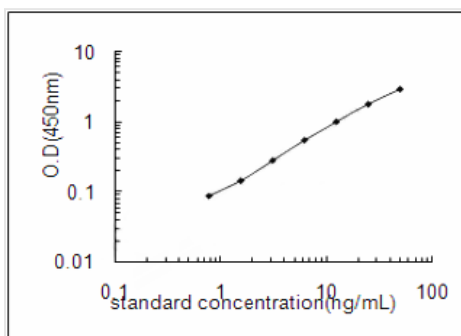
PRODUCT SYNONYMS

Coagulation factor VII; Rat Coagulation factor VII ELISA Kit; Serum prothrombin conversion accelerator; F7; 3.4.21.21; F7 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Rat
Specificity	This assay recognizes recombinant and natural rat Coagulation factor VII.. No significant cross-reactivity or interference was observed.
Sequence Length	446
Assay Type	Sandwich
Detection Range	0.78-50 ng/mL
Sensitivity	0.395 ng/mL
Intra-Assay CV	<=6.5%
Inter-Assay CV	<=11.4%
Recovery	103%
Preparation and Storage	For long term storage, please store the entire kit at -20 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for F7 elisa kit	Intended Uses: This immunoassay kit allows for the in vitro quantitative determination of rat Coagulation factor VII concentrations in serum, Plasma, tissue homogenates and Cell culture supernates and Other biological fluids. Principle of the Assay: The microtiter plate provided in this kit has been pre-coated with an antibody specific to Coagulation factor VII. Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated antibody preparation specific for Coagulation factor VII and then avidin conjugated to Horseradish Peroxidase (HRP) is added to each microplate well and incubated. Then a TMB substrate solution is added to each well. Only those wells that contain Coagulation factor VII, biotin-conjugated antibody and enzyme-conjugated Avidin will exhibit a change in color. The enzyme-substrate reaction is terminated by the addition of a sulphuric acid solution and the color change is measured spectrophotometrically at a wavelength of 450 nm +/- 2 nm. The concentration of Coagulation factor VII in the samples is then determined by comparing the O.D. of the samples to the standard curve.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	25742855
NCBI GeneID	260320
NCBI Accession #	NP_690059.1
NCBI GenBank Nucleotide #	NM_152846.1
UniProt Accession #	Q8K3U6
Molecular Weight	50,399 Da
NCBI Official Full Name	coagulation factor VII
NCBI Official Synonym Full Names	coagulation factor VII
NCBI Official Symbol	F7
NCBI Protein Information	coagulation factor VII
UniProt Protein Name	Coagulation factor VII
UniProt Gene Name	F7
UniProt Entry Name	FA7_RAT

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/f7-rat-elisa-kits/coagulation-factor-vii/56958>