

Mouse coagulation factor VII ELISA Kit | FVII elisa kit

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CATALOG #
AAA85692

REACTIVITY
Mouse

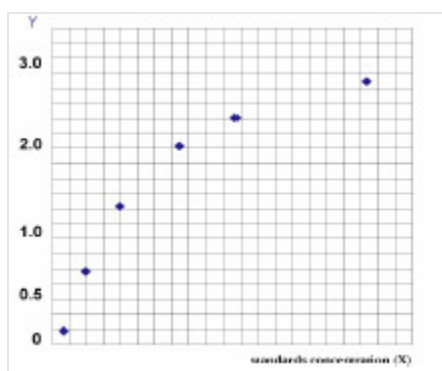
PRODUCT SYNONYMS

coagulation factor VII; Mouse coagulation factor VII ELISA Kit; Mouse coagulation factor VII (FVII) ELISA Kit; coagulation factor VII (Mouse); FVII elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Assay Type	Sandwich
Preparation and Storage	Store all reagents at 2-8 degree C

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for FVII elisa kit

Intended Uses: This FVII ELISA kit is intended Laboratory for research use only. The Stop Solution changes the color from blue to yellow and the intensity of the color is measured at 450 nm using a spectrophotometer. In order to measure the concentration of FVII in the sample, this FVII ELISA Kit includes a set of calibration standards. The calibration standards are assayed at the same time as the samples and allow the operator to produce a standard curve of Optical Density versus FVII concentration. The concentration of FVII in the samples is then determined by comparing the O.D. of the samples to the standard curve.

Principle of the Assay: This FVII enzyme linked immunosorbent assay applies a technique called a quantitative sandwich immunoassay. The microtiter plate provided in this kit has been pre-coated with a monoclonal antibody specific for FVII. Standards or samples are then added to the microtiter plate wells and FVII if present, will bind to the antibody pre-coated wells. In order to quantitatively determine the amount of FVII present in the sample, a standardized preparation of horseradish peroxidase (HRP)-conjugated polyclonal antibody, specific for FVII are added to each well to "sandwich" the FVII immobilized on the plate. The microtiter plate undergoes incubation, and then the wells are thoroughly washed to remove all unbound components. Next, A and B substrate solution is added to each well. The enzyme (HRP) and substrate are allowed to react over a short incubation period. Only those wells that contain FVII and enzyme-conjugated antibody will exhibit a change in colour. The enzyme-substrate reaction is terminated by the addition of a sulphuric acid solution and the colour change is measured spectrophotometrically at a wavelength of 450 nm.

NCBI AND UNIPROT INFORMATION

NCBI GI #	12750767
NCBI GeneID	2155
UniProt Accession #	P08709; Q14339; Q5JVF1; Q5JVF2; Q9UD52; Q9UD53; Q9UD54; B0YJC8
Molecular Weight	51,594 Da
NCBI Official Full Name	coagulation factor VII
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; eptacog alfa; proconvertin; FVII coagulation protein
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.