

Canine Coagulation Factor VII ELISA Kit | F7 elisa kit

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CATALOG #
AAA88498

REACTIVITY
Canine

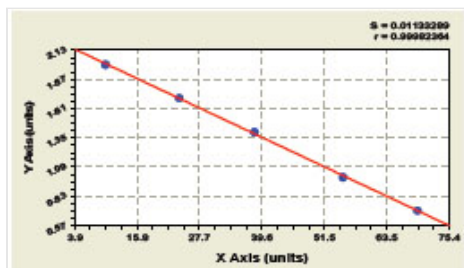
PRODUCT SYNONYMS

Coagulation Factor VII; Canine Coagulation Factor VII ELISA Kit; F7 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Canine
Samples	Serum, plasma, Cell Culture Supernatants, body fluid and tissue homogenate
Assay Type	Competitive
Detection Range	0.5-10ng/mL
Sensitivity	0.1ng/mL
Intended Uses	This F7 ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Canine F7. This ELISA kit for research use only, not for therapeutic applications!
Preparation and Storage	Store all reagents at 2-8 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for F7 elisa kit

Principle of the Assay: F7 ELISA kit applies the competitive enzyme immunoassay technique utilizing a monoclonal anti-F7 antibody and an F7-HRP conjugate. The assay sample and buffer are incubated together with F7-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 F7 concentration since F7 from samples and F7-HRP conjugate compete for the anti-F7 antibody binding site. Since the number of sites is limited, as more sites are occupied by F7 from the sample, fewer sites are left to bind F7-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The F7 concentration in each sample is interpolated from this standard curve.

Product Categories/Family for F7 elisa kit

Cardiovascular

NCBI AND UNIPROT INFORMATION

NCBI GI #	12750767
NCBI GeneID	2155
Molecular Weight	49,320 Da
NCBI Official Full Name	coagulation factor VII, partial
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.

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Online datasheet: <https://stage.aaabiotech.com/f7-canine-elisa-kits/coagulation-factor-vii/88498>