

Human coagulation factor VII ELISA Kit | FVII elisa kit

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CATALOG #
AAA84199

REACTIVITY
Human

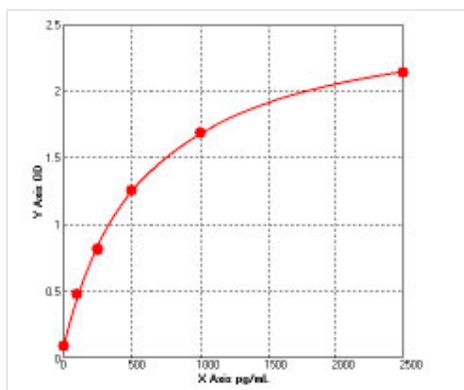
PRODUCT SYNONYMS

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

PRODUCT SPECIFICATIONS

Reactivity	Human
Samples	Serum, Plasma, Cell Culture Supernatants, Body Fluid And Tissue Homogenate
Assay Type	Quantitative Competitive
Sensitivity	0.1 ng/mL.
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 FUT7 ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Human FUT7. This ELISA kit for research use only!

Principle of the Assay: FUT7 ELISA kit applies the competitive enzyme immunoassay technique utilizing an anti-FUT7 antibody and an FUT7-HRP conjugate. The assay sample and buffer are incubated together with FUT7-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 FUT7 concentration since FUT7 from samples and FUT7-HRP conjugate compete for the anti-FUT7 antibody binding site. Since the number of sites is limited, as more sites are occupied by FUT7 from the sample, fewer sites are left to bind FUT7-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The FUT7 concentration in each sample is interpolated from this standard curve.

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.