

Mouse Coagulation Factor V ELISA Kit | FV elisa kit

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CATALOG #
AAA98208

REACTIVITY
Mouse

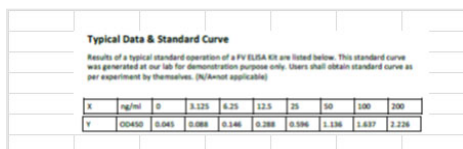
PRODUCT SYNONYMS

Coagulation Factor V; Mouse Coagulation Factor V ELISA Kit; FV/F5/Plasma Factor V)/Activated protein C cofactor/PCCF/Proaccelerin; labile factor; FV elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Specificity	This assay has high sensitivity and excellent specificity for detection of FV. No significant crossreactivity or interference between FV and analogues was observed.
Sequence Length	2224
Assay Type	Sandwich ELISA, Double Antibody
Samples	Plasma, Cell Culture Supernatant, cell or tissue lysate, Other liquid samples
Detection Range	3.125-200ng/ml
Sensitivity	1.875ng/ml
Intra-assay Precision	Intra-assay Precision (Precision within an assay): 3 samples with low, middle and high level FV were tested 20 times on one plate, respectively. Intra-Assay: CV<8%
Inter-assay Precision	Inter-assay Precision (Precision between assays): 3 samples with low, middle and high level FV were tested on 3 different plates, 8 replicates in each plate. CV (%) = SD/meanX100. Inter-Assay: CV<10%
Preparation and Storage	Store entire kit at 2-8C for short-term. For longer-term, please store the microplate & standard at -20C, while the remaining reagents can be stored at 2-8C

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for FV elisa kit

Principle of the Assay: This kit was based on sandwich enzyme-linked immune-sorbent assay technology. Anti- FV antibody was pre-coated onto 96-well plates. And the biotin conjugated anti- FV antibody was used as detection antibodies. The standards, test samples and biotin conjugated detection antibody were added to the wells subsequently, and washed with wash buffer. HRPStreptavidin was added and unbound conjugates were washed away with wash buffer. TMB substrates were used to visualize HRP enzymatic reaction. TMB was catalyzed by HRP to produce a blue color product that changed into yellow after adding acidic stop solution. The density of yellow is proportional to the FV amount of sample captured in plate. Read the O.D. absorbance at 450nm in a microplate reader, and then the concentration of FV can be calculated.

NCBI AND UNIPROT INFORMATION

NCBI GI #	105990535
NCBI GeneID	2153
NCBI Accession #	NP_000121.2
NCBI GenBank Nucleotide #	NM_000130.4
Molecular Weight	251,703 Da
NCBI Official Full Name	coagulation factor V preproprotein
NCBI Official Synonym Full Names	coagulation factor V
NCBI Official Symbol	F5
NCBI Official Synonym Symbols	FVL; PCCF; THPH2; RPRGL1
NCBI Protein Information	coagulation factor V
UniProt Protein Name	Coagulation factor V
UniProt Gene Name	F5
UniProt Entry Name	FA5_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/fv-mouse-elisa-kits/coagulation-factor-v/98208>