

Mouse coagulation factor V, FV ELISA Kit | FV elisa kit

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CATALOG #
AAA80933

REACTIVITY
Mouse

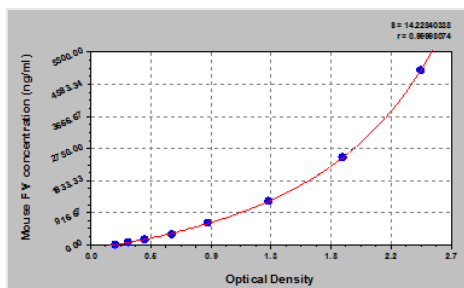
PRODUCT SYNONYMS

coagulation factor V; FV; Mouse coagulation factor V; FV ELISA Kit; FVL; PCCF; activated protein c cofactor; coagulation factor V jinjiang A2 domain; factor V Leiden; FV elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Specificity	This assay has high sensitivity and excellent specificity for detection of mouse F V. No significant cross-reactivity or interference between mouse F V and analogues was observed.
Sequence Length	2183
Samples	serum, plasma
Assay Type	Quantitative Sandwich
Detection Range	78 ng/ml -5000 ng/ml
Sensitivity	<19.5 ng/ml.
Intra-assay Precision	Intra-assay Precision (Precision within an assay): CV%<8%. Three samples of known concentration were tested twenty times on one plate to assess
Inter-assay Precision	Inter-assay Precision (Precision between assays): CV%<10%. Three samples of known concentration were tested in twenty assays to assess.
Preparation and Storage	Unopened test kits should be stored at 2 to 8 degree C upon receipt. Please refer to pdf manual for further storage instructions.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for FV elisa kit	Principle of the Assay: This assay employs the quantitative sandwich enzyme immunoassay technique. Antibody specific for FV has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any FV present is bound by the immobilized antibody. After removing any unbound substances, a biotin-conjugated antibody specific for FV is added to the wells. After washing, avidin conjugated Horseradish Peroxidase (HRP) is added to the wells. Following a wash to remove any unbound avidin-enzyme reagent, a substrate solution is added to the wells and color develops in proportion to the amount of FV bound in the initial step. The color development is stopped and the intensity of the color is measured.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	6679731
NCBI GeneID	14067
NCBI Accession #	NP_032002.1
NCBI GenBank Nucleotide #	NM_007976.2
UniProt Accession #	O88783; Q3UTQ2; Q3UV80
Molecular Weight	247,230 Da
NCBI Official Full Name	coagulation factor V
NCBI Official Synonym Full Names	coagulation factor V
NCBI Official Symbol	F5
NCBI Official Synonym Symbols	Cf5; Cf-5; AI173222
NCBI Protein Information	coagulation factor V; activated protein C cofactor
UniProt Protein Name	Coagulation factor V
UniProt Gene Name	F5
UniProt Entry Name	FA5_MOUSE

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.