

Mouse Coagulation Factor V ELISA Kit | F5 elisa kit

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CATALOG #
AAA86162

REACTIVITY
Mouse

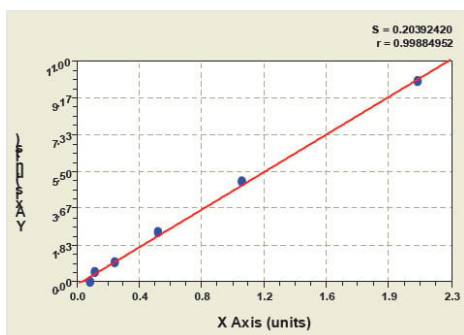
PRODUCT SYNONYMS

Coagulation Factor V; Mouse Coagulation Factor V ELISA Kit; F5 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Samples	Serum, plasma, Cell Culture Supernatants, body fluid and tissue homogenate
Assay Type	Competitive or Sandwich
Detection Range	0.5-10ng/mL
Intended Uses	This F5 ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of mouse F5. 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 F5 elisa kit

Principle of the Assay: F5 ELISA kit applies the quantitative sandwich enzyme immunoassay technique. The microtiter plate has been pre-coated with a monoclonal antibody specific for F5. Standards or samples are then added to the microtiter plate wells and F5 if present, will bind to the antibody pre-coated wells. In order to quantitatively determine the amount of F5 present in the sample, a standardized preparation of horseradish peroxidase (HRP) -conjugated polyclonal antibody, specific for F5 are added to each well to "sandwich" the F5 immobilized on the plate. The microtiter plate undergoes incubation, and then the wells are thoroughly washed to remove all unbound components. Next, substrate solutions are added to each well. The enzyme (HRP) and substrate are allowed to react over a short incubation period. Only those wells that contain F5 and enzyme-conjugated antibody will exhibit a change in color. The enzyme-substrate reaction is terminated by addition of a sulphuric acid solution and the color change is measured spectrophotometrically at a wavelength of 450 nm. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The F5 concentration in each sample is interpolated from this standard curve.

Product Categories/Family for F5 elisa kit

Cardiovascular

NCBI AND UNIPROT INFORMATION

NCBI GI #	488110
NCBI GeneID	2153
Molecular Weight	251,703 Da
NCBI Official Full Name	coagulation factor V
NCBI Official Synonym Full Names	coagulation factor V (proaccelerin, labile factor)
NCBI Official Symbol	F5
NCBI Official Synonym Symbols	FVL; PCCF; THPH2; RPRGL1
NCBI Protein Information	coagulation factor V; factor V Leiden; proaccelerin, labile factor; activated protein c cofactor; coagulation factor V jinjiang A2 domain
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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/f5-mouse-elisa-kits/coagulation-factor-v/86162>