

Mouse Coagulation Factor X ELISA Kit | F10 elisa kit

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CATALOG #
AAA82919

REACTIVITY
Mouse

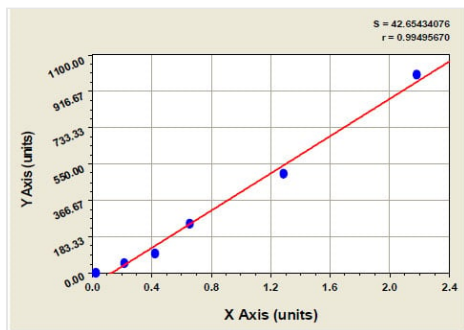
PRODUCT SYNONYMS

Coagulation Factor X; Mouse Coagulation Factor X ELISA Kit; F10 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Samples	Serum, plasma, Cell Culture Supernatants, body fluid and tissue homogenate
Assay Type	Competitive
Detection Range	50-1000pg/mL
Sensitivity	1.0pg/mL
Intended Uses	This F10 ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Mouse F10. 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 F10 elisa kit

Principle of the assay: F10 ELISA kit applies the quantitative sandwich enzyme immunoassay technique. The microtiter plate has been pre-coated with a monoclonal antibody specific for F10. Standards or samples are then added to the microtiter plate wells and F10 if present, will bind to the antibody pre-coated wells. In order to quantitatively determine the amount of F10 present in the sample, a standardized preparation of horseradish peroxidase (HRP)-conjugated polyclonal antibody, specific for F10 are added to each well to "sandwich" the F10 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 F10 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 F10 concentration in each sample is interpolated from this standard curve.

NCBI AND UNIPROT INFORMATION

NCBI GI #	182390
NCBI GeneID	2159
Molecular Weight	54,732 Da
NCBI Official Full Name	coagulation factor X
NCBI Official Synonym Full Names	coagulation factor X
NCBI Official Symbol	F10
NCBI Official Synonym Symbols	FX; FXA
NCBI Protein Information	coagulation factor X; factor Xa; prothrombinase; Stuart-Prower factor
UniProt Protein Name	Coagulation factor X
UniProt Gene Name	F10
UniProt Entry Name	FA10_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/f10-mouse-elisa-kits/coagulation-factor-x/82919>