

Mouse Coagulation Factor II ELISA Kit | F II elisa kit

Mouse Coagulation Factor II ELISA Kit

CATALOG #
AAA86138

REACTIVITY
Mouse

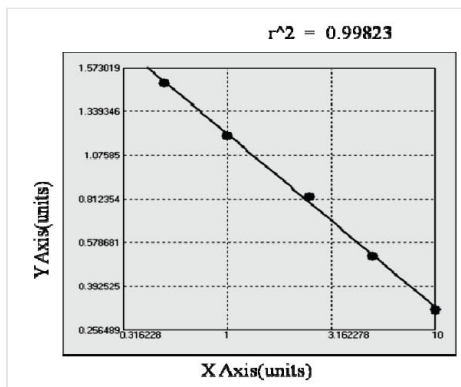
PRODUCT SYNONYMS

Coagulation Factor II; Mouse Coagulation Factor II ELISA Kit; F II elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Samples	Serum, plasma, Cell Culture Supernatants, body fluid and tissue homogenate
Assay Type	Competitive
Detection Range	0.5-10ng/mL
Sensitivity	0.1ng/mL
Intended Uses	This FII ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Moue FII. 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 F II elisa kit

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

Product Categories/Family for F II elisa kit	Cardiovascular
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NCBI AND UNIPROT INFORMATION

NCBI GI #	291618955
NCBI Accession #	YP_003521697.1
NCBI GenBank Nucleotide #	NC_013956.2
Molecular Weight	18,963 Da
NCBI Official Full Name	FII
UniProt Protein Name	FII
UniProt Gene Name	FII
UniProt Synonym Gene Names	PANA_3402
UniProt Entry Name	D4GN77_PANAM

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/f-ii-mouse-elisa-kits/coagulation-factor-ii/86138>