

Mouse Coagulation factor III ELISA Kit | F3 elisa kit

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CATALOG #
AAA82040

REACTIVITY
Mouse

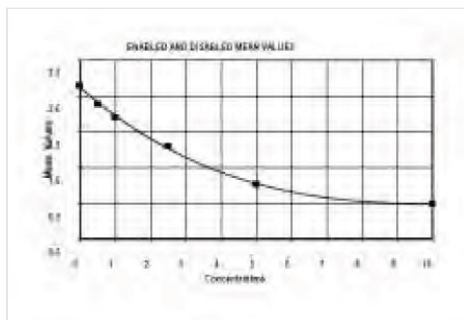
PRODUCT SYNONYMS

Coagulation factor III; Mouse Coagulation factor III ELISA Kit; F3 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
Preparation and Storage	Store all reagents at 2-8 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for F3 elisa kit	For Samples: Cell culture fluid, body fluid, tissue homogenate, serum and blood plasma Intended Uses: This TF ELISA kit is intended for laboratory research use only. The stop solution changes the color from blue to yellow and the intensity of the color is measured at 450 nm using a spectrophotometer. In order to measure the concentration of TF in the sample, this TF ELISA Kit includes a set of calibration standards. The calibration standards are assayed at the same time as the samples and allow the operator to produce a standard curve of Optical Density versus TF concentration. The concentration of in the samples is then determined by comparing the O.D. of the samples to the standard curve. Principle of the Assay: The coated well immunoenzymatic assay for the quantitative measurement of TF utilizes a monoclonal anti-TF antibody and an TF-HRP conjugate. The assay sample and buffer are incubated together with TF-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 TF concentration since TF from samples and TF-HRP conjugate compete for the anti-TF antibody binding site. Since the number of sites is limited, as more sites are occupied by TF from the sample, fewer sites are left to bind TF-HRP conjugate. Standards of known TF concentrations are run concurrently with the samples being assayed and a standard curve is plotted relating the intensity of the color (Optical Density) to the concentration of TF. The TF concentration in each sample is interpolated from this standard curve.
Product Categories/Family for F3 elisa kit	Cardiovascular

NCBI AND UNIPROT INFORMATION

NCBI GI #	350538835
NCBI GeneID	567257
NCBI Accession #	NP_001232896.1
NCBI GenBank Nucleotide #	NM_001245967.1
NCBI Official Full Name	coagulation factor IIIa
NCBI Official Synonym Full Names	coagulation factor IIIa
NCBI Official Symbol	f3a
NCBI Official Synonym Symbols	f3
NCBI Protein Information	coagulation factor IIIa; TFa; thromboplastin

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/f3-mouse-elisa-kits/coagulation-factor-iii/82040>