

Human Coagulation factor III ELISA Kit | F3 elisa kit

Human Coagulation factor III ELISA Kit

CATALOG #
AAA85209

REACTIVITY
Human

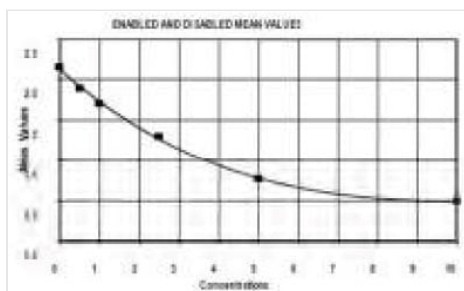
PRODUCT SYNONYMS

Coagulation factor III; Human Coagulation factor III ELISA Kit; F3 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
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 FIII 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 FIII in the sample, this FIII 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 FIII 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 FIII utilizes a monoclonal anti-FIII antibody and an FIII-HRP conjugate. The assay sample and buffer are incubated together with FIII-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 FIII concentration since FIII from samples and FIII-HRP conjugate compete for the anti-FIII antibody binding site. Since the number of sites is limited, as more sites are occupied by FIII from the sample, fewer sites are left to bind FIII-HRP conjugate. Standards of known FIII 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 FIII. The FIII 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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/f3-human-elisa-kits/coagulation-factor-iii/85209>