

Monkey Coagulation factor III ELISA Kit | F3 elisa kit

Monkey Coagulation factor III ELISA Kit

CATALOG #
AAA96955

REACTIVITY
Monkey

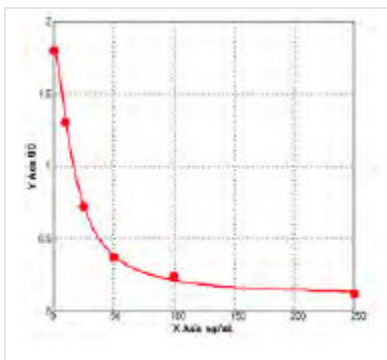
PRODUCT SYNONYMS

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

PRODUCT SPECIFICATIONS

Reactivity	Monkey
Specificity	This assay has high sensitivity and excellent specificity for detection of FIII. No significant cross-reactivity or interference between FIII and analogues was observed. NOTE: Limited by current skills and knowledge, it is impossible for us to complete the cross-reactivity detection between FIII and all the analogues, therefore, cross reaction may still exist in some cases.
Samples	Serum, plasma, cell culture supernatants, body fluid and tissue homogenate
Assay Type	Quantitative Competitive
Sensitivity	1.0 ng/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	Intended Uses: This FIII ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Monkey FIII. This ELISA kit for research use only, not for therapeutic or test applications! Principle of the Assay: FIII ELISA kit applies the competitive enzyme immunoassay technique utilizing a polyclonal 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. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. 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.