

Rat Tissue Factor ELISA Kit | TF elisa kit

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CATALOG #
AAA84821

REACTIVITY
Rat

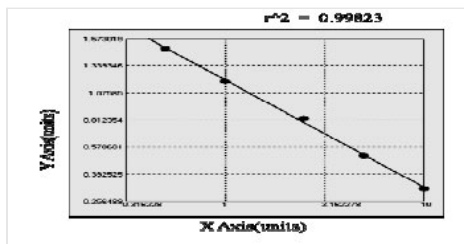
PRODUCT SYNONYMS

Tissue Factor; Rat Tissue Factor ELISA Kit; TF elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Rat
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 TF elisa kit

Intended Uses: This TF ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Rat TF. This ELISA kit for research use only!

Principle of the Assay: TF ELISA kit applies the competitive enzyme immunoassay technique utilizing 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. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The TF concentration in each sample is interpolated from this standard curve.

Product Categories/Family for TF elisa kit

Cardiovascular

NCBI AND UNIPROT INFORMATION

NCBI GI #	339506
NCBI GeneID	2152
Molecular Weight	27,145 Da
NCBI Official Full Name	tissue factor
NCBI Official Synonym Full Names	coagulation factor III (thromboplastin, tissue factor)
NCBI Official Symbol	F3
NCBI Official Synonym Symbols	TF; TFA; CD142
NCBI Protein Information	tissue factor
UniProt Protein Name	Tissue factor
UniProt Gene Name	F3
UniProt Synonym Gene Names	TF
UniProt Entry Name	TF_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/tf-rat-elisa-kits/tissue-factor/84821>