

Rat coagulation factor III (thromboplastin, tissue factor) ELISA Kit | F3 elisa kit

Rat Tissue factor, TF ELISA Kit

CATALOG #
AAA80592

REACTIVITY
Rat

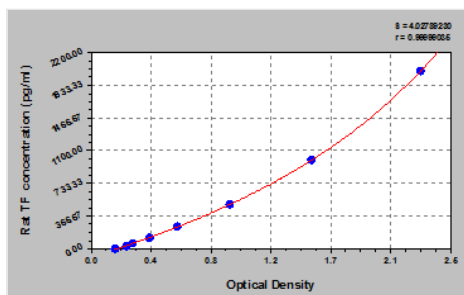
PRODUCT SYNONYMS

coagulation factor III (thromboplastin; tissue factor); Rat Tissue factor; TF ELISA Kit; CD142; TF; TFA; coagulation factor III; tissue factor; F3 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Rat
Specificity	This assay has high sensitivity and excellent specificity for detection of rat TF. No significant cross-reactivity or interference between rat TF and analogues was observed.
Sequence Length	292
Samples	Serum, urine, cell culture supernates, tissue homogenates, cell lysates.
Assay Type	Sandwich
Detection Range	31.2 pg/ml-2000 pg/ml.
Sensitivity	The minimum detectable dose of rat TF is typically less than 7.8 pg/ml. The sensitivity of this assay, or Lower Limit of Detection (LLD) was defined as the lowest protein concentration that could be differentiated from zero. It was determined the mean O.D value of 20 replicates of the zero standard added by their three standard deviations.
Intra-assay Precision	Intra-assay Precision (Precision within an assay): CV%<8%. Three samples of known concentration were tested twenty times on one plate to assess.
Inter-assay Precision	Inter-assay Precision (Precision between assays): CV%<10%. Three samples of known concentration were tested in twenty assays to assess.
Preparation and Storage	Unopened test kits should be stored at 2 to 8 degree C upon receipt. Please refer to pdf manual for further storage instructions.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for F3 elisa kit	Principle of the Assay: This assay employs the quantitative sandwich enzyme immunoassay technique. Antibody specific for TF has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any TF present is bound by the immobilized antibody. After removing any unbound substances, a biotin-conjugated antibody specific for TF is added to the wells. After washing, avidin conjugated Horseradish Peroxidase (HRP) is added to the wells. Following a wash to remove any unbound avidin-enzyme reagent, a substrate solution is added to the wells and color develops in proportion to the amount of TF bound in the initial step. The color development is stopped and the intensity of the color is measured.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	126723559
NCBI GeneID	100009127
NCBI Accession #	NP_001075760.1
NCBI GenBank Nucleotide #	NM_001082291.1
UniProt Accession #	P24055
Molecular Weight	32,738 Da
NCBI Official Full Name	tissue factor
NCBI Official Symbol	F3
NCBI Protein Information	tissue factor; TF; brain tissue factor
UniProt Protein Name	Tissue factor
UniProt Gene Name	F3
UniProt Synonym Gene Names	TF
UniProt Entry Name	TF_RABIT

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-rat-elisa-kits/coagulation-factor-iii-thromboplastin-tissue-factor/80592>