

Mouse Tissue Factor (TF) CLIA Kit | TF clia kit

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CATALOG #	REACTIVITY	APPLICATIONS
AAA188924	Mouse	CLIA (Chemiluminescence Immunoassay)

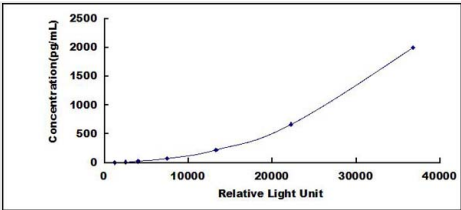
PRODUCT SYNONYMS

Tissue Factor (TF); Mouse Tissue Factor (TF) CLIA Kit; Tissue Factor; CD142; FIII; F3; TFA; Thromboplastin; Coagulation Factor III; TF clia kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Specificity	This assay has high sensitivity and excellent specificity for detection of Tissue Factor (TF). No significant cross-reactivity or interference between Tissue Factor (TF) and analogues was observed.
Sequence Length	294
Assay Type	Double-antibody Sandwich
Samples	Plasma
Detection Range	2.74-2,000pg/mL
Sensitivity	The minimum detectable dose of this kit is typically less than 0.95pg/mL
Applicable Applications for TF clia kit	CLIA (Chemiluminescence Immunoassay)
Precision	Intra-assay Precision (Precision within an assay): 3 samples with low, middle and high level Tissue Factor (TF) were tested 20 times on one plate, respectively. Inter-assay Precision (Precision between assays): 3 samples with low, middle and high level Tissue Factor (TF) were tested on 3 different plates, 8 replicates in each plate. CV(%) = SD/meanX100 Intra-Assay: CV<10% Inter-Assay: CV<12%
Test Principle	The microplate provided in this kit has been pre-coated with an antibody specific to Tissue Factor (TF). Standards or samples are then added to the appropriate microplate wells with a biotin-conjugated antibody specific to Tissue Factor (TF). Next, Avidin conjugated to Horseradish Peroxidase (HRP) is added to each microplate well and incubated. Then the mixture of substrate A and B is added to generate glow light emission kinetics. Upon plate development, the intensity of the emitted light is proportional to the Tissue Factor (TF) level in the sample or standard.
Preparation and Storage	The stability of kit is determined by the loss rate of activity. The loss rate of this kit is less than 5% within the expiration date under appropriate storage condition. To minimize extra influence on the performance, operation procedures and lab conditions, especially room temperature, air humidity, incubator temperature should be strictly controlled. It is also strongly suggested that the whole assay is performed by the same operator from the beginning to the end.

IMAGES



Standard Curve (Sample)

NCBI AND UNIPROT INFORMATION

NCBI GI #	170172540
NCBI GeneID	14066
NCBI Accession #	NP_034301.3
NCBI GenBank Nucleotide #	NP_034301.3
UniProt Accession #	P20352
NCBI Official Full Name	tissue factor
NCBI Official Synonym Full Names	coagulation factor III
NCBI Official Symbol	F3
NCBI Official Synonym Symbols	TF; Cf3; Cf-3; CD142; AA409063
NCBI Protein Information	tissue factor
UniProt Protein Name	Tissue factor
UniProt Gene Name	F3
UniProt Synonym Gene Names	Cf-3; Cf3; TF

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/mouse-clia-kits/tissue-factor-tf/188924>