

Horse TF (Tissue Factor) ELISA Kit | TF elisa kit

Horse TF (Tissue Factor)

CATALOG #
AAA102632

REACTIVITY
Horse

PRODUCT SYNONYMS

TF (Tissue Factor); Horse TF (Tissue Factor); TF (Tissue factor)/F3/FIII/CD142/TFA/Thromboplastin/Coagulation Factor III; TF elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Horse
Specificity	This assay has high sensitivity and excellent specificity for detection of TF . No significant crossreactivity or interference between TF and analogues was observed.
Sequence Length	228
Assay Type	Sandwich ELISA, Double Antibody
Samples	Serum, Plasma, Cell Culture Supernatant, cell or tissue lysate, Other liquid samples
Detection Range	7.813-500pg/ml
Sensitivity	4.688pg/ml
Intra-assay Precision	Intra-assay Precision (Precision within an assay): 3 samples with low, middle and high level TF were tested 20 times on one plate, respectively. Intra-Assay: CV<8%
Inter-assay Precision	Inter-assay Precision (Precision between assays): 3 samples with low, middle and high level TF were tested on 3 different plates, 8 replicates in each plate. CV(%) = SD/meanX100. Inter-Assay: CV<10%
Preparation and Storage	Store entire kit at 2-8C for short-term. For longer-term, please store the microplate & standard at -20C, while the remaining reagents can be stored at 2-8C

IMAGES

Typical Data & Standard Curve

Results of a typical standard run of a TF ELISA Kit are shown below. This standard curve was generated at our lab for demonstration purpose only. Each user should obtain their own standard curve as per experiment. (N/A=not applicable)

X	pg/ml	0	7.812	15.625	31.25	62.5	125	250	500
Y	OD450	0.072	0.094	0.111	0.196	0.392	0.663	1.28	1.982

Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for TF elisa kit

Principle of the Assay: This kit was based on sandwich enzyme-linked immune-sorbent assay technology. Anti- TF antibody was pre-coated onto 96-well plates. And the biotin conjugated anti-TF antibody was used as detection antibodies. The standards, test samples and biotin conjugated detection antibody were added to the wells subsequently, and wash with wash buffer. HRP-Streptavidin was added and unbound conjugates were washed away with wash buffer. TMB substrates were used to visualize HRP enzymatic reaction. TMB was catalyzed by HRP to produce a blue color product that changed into yellow after adding acidic stop solution. The density of yellow is proportional to the TF amount of sample captured in plate. Read the O.D. absorbance at 450nm in a microplate reader, and then the concentration of TF can be calculated.

NCBI AND UNIPROT INFORMATION

NCBI GI #	1680635
NCBI Official Full Name	tissue factor; TF; blood coagulation factor VII/VIIa receptor

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://www.aaabiotech.com/horse-elisa-kits/tf-tissue-factor/102632>