

Porcine Tissue Factor ELISA Kit | TF elisa kit

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CATALOG #
AAA16940

REACTIVITY
Porcine

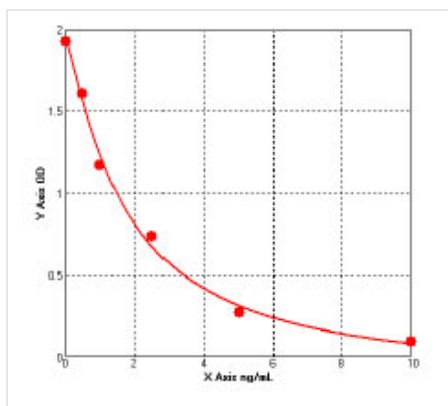
PRODUCT SYNONYMS

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

PRODUCT SPECIFICATIONS

Reactivity	Porcine
Specificity	This assay has high sensitivity and excellent specificity for detection of TF. No significant cross-reactivity or interference between TF and analogues was observed. NOTE: Limited by current skills and knowledge, it is impossible for us to complete the cross-reactivity detection between TF and all the analogues, therefore, cross reaction may still exist in some cases.
Assay Type	Quantitative Competitive
Samples	Serum, plasma, cell culture supernatants, body fluid and tissue homogenate
Sensitivity	0.1 ng/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	Principle of the Assay: TF ELISA kit applies the competitive enzyme immunoassay technique utilizing a polyclonal 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. Intended Uses: This TF ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Porcine TF. This ELISA kit for research use only, not for therapeutic or diagnostic applications!
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.