

Human Tissue factor/F3 ELISA Kit | F3 elisa kit

Human Tissue factor/F3 PicoKine ELISA Kit

CATALOG #
AAA45562

REACTIVITY
Human

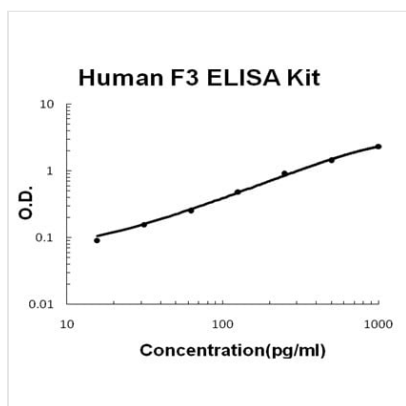
PRODUCT SYNONYMS

Tissue factor/F3; Human Tissue factor/F3 PicoKine ELISA Kit; Tissue factor; coagulation factor III (thromboplastin; tissue factor); CD142; Coagulation factor III; F3; TF; TFA; Thromboplastin; F3 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	Natural and recombinant human Tissue factor
Sequence Length	295
Samples	Cell culture supernates, serum, plasma (heparin, EDTA, citrate), Cell lysates, and urine
Assay Type	Sandwich
Detection Range	15.6pg/ml-1000pg/ml
Sensitivity	< 10pg/ml
Intra-assay Precision	Intra-Assay Precision (Precision within an assay) Three samples of known concentration were tested on one plate to assess intra-assay precision.
Inter-assay Precision	Inter-Assay Precision (Precision between assays) Three samples of known concentration were tested in separate assays to assess inter-assay precision.
Preparation and Storage	Store at 4 degree C for 6 months, at -20 degree C for 12 months. Avoid multiple freeze-thaw cycles (Shipped with wet ice.)

IMAGES



Standard Curve (Sample)

Human Tissue factor/F3 PicoKine ELISA Kit standard curve

ADDITIONAL INFORMATION

Related Product Information for F3 elisa kit	Principle of the assay: human Tissue factor ELISA Kit was based on standard sandwich enzyme-linked immune-sorbent assay technology. A monoclonal antibody from mouse specific for Tissue factor has been precoated onto 96-well plates. Standards(NSO, S33-E251) and test samples are added to the wells, a biotinylated detection polyclonal antibody from goat specific for Tissue factor is added subsequently and then followed by washing with PBS or TBS buffer. Avidin-Biotin-Peroxidase Complex was added and unbound conjugates were washed away with PBS or TBS buffer. HRP substrate TMB was 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 human Tissue factor amount of sample captured in plate. Background: Tissue factor, also called platelet tissue factor, factor III, thrombokinas, or CD142 is a protein present in sub endothelial tissue and leukocytes necessary for the initiation of thrombin formation from the zymogene prothrombin. An incorrect synonym is thromboplastin. the F3 gene was mapped to 1pter-p21 by study of somatic cell hybrids with a species-specific sensitive chromogenic assay. This gene encodes coagulation factor III which is a cell surface glycoprotein. This factor enables cells to initiate the blood coagulation cascades, and it functions as the high-affinity receptor for the coagulation factor VII.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	135666
NCBI GeneID	2152
UniProt Accession #	P13726; Q6FHG2; Q86WH4; D3DT47
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.