

Tissue factor pathway inhibitor ELISA Kit | TFPI elisa kit

Mouse TFPI PicoKine ELISA Kit

CATALOG #
AAA46106

REACTIVITY
Mouse. There is no detectable cross-reactivity with other relevant proteins.

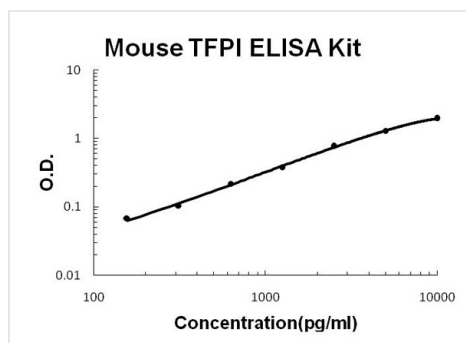
PRODUCT SYNONYMS

Tissue factor pathway inhibitor; Mouse TFPI PicoKine ELISA Kit; Anti convertin; EPI; Extrinsic pathway inhibitor; LACI; Lipoprotein associated coagulation inhibitor; Lipoprotein-associated coagulation inhibitor; TFI; TFPI 1; TFPI; TFPI1; TFPI1_HUMAN; Tissue factor pathway inhibitor (lipoprotein associated coagulation inhibitor); tissue factor pathway inhibitor (lipoprotein-associated coagulation inhibitor); TFPI elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse. There is no detectable cross-reactivity with other relevant proteins.
Sequence Length	306
Samples	Cell culture supernates, serum and plasma (heparin, EDTA)
Assay Type	Sandwich
Sensitivity	<10pg/ml
Immunogen	NSO, L29-N306
Intra-Assay Precision	Sample 1: n=16; Mean(ng/ml): 1.05; Standard deviation: 0.048; CV(%): 4.6 Sample 2: n=16; Mean(ng/ml): 2.91; Standard deviation: 0.122; CV(%): 4.2 Sample 3: n=16; Mean(ng/ml): 5.34; Standard deviation: 0.203; CV(%): 3.8
Inter-Assay Precision	Sample 1: n=24; Mean(ng/ml): 1.21; Standard deviation: 0.076; CV(%): 6.3 Sample 2: n=24; Mean(ng/ml): 3.45; Standard deviation: 0.193; CV(%): 5.6 Sample 3: n=24; Mean(ng/ml): 5.82; Standard deviation: 0.285; CV(%): 4.9
Assay Range	156pg/ml-10,000pg/ml
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)

Mouse TFPI PicoKine ELISA Kit standard curve

ADDITIONAL INFORMATION

Related Product Information for TFPI elisa kit	Description: Sandwich ELISA kit of Quantitative Detection for Mouse TFPI Background: TFPI(Tissue factor pathway inhibitor),also known as EPI, LACI or TFPI1, is a single-chain polypeptide which can reversibly inhibit Factor Xa (Xa) and Thrombin (Factor IIa). The gene for TFPI is located on chromosome 2q31-q32.1, and has nine exons which span 70 kb. TFPI consists of a highly negatively-charged amino-terminus, three tandemly-linked Kunitz domains, and a highly positively-charged carboxy-terminus. TFPI contributes significantly to the inhibition of Xa in vivo, despite being present at concentrations of only 2.5 nM.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	33859644
NCBI GeneID	21788
NCBI Accession #	NP_035706.1
NCBI GenBank Nucleotide #	NM_011576.1
UniProt Accession #	O54819; Q9Z2U8
Molecular Weight	28,949 Da
NCBI Official Full Name	tissue factor pathway inhibitor isoform a
NCBI Official Synonym Full Names	tissue factor pathway inhibitor
NCBI Official Symbol	Tfpi
NCBI Official Synonym Symbols	EPI; LACI; AW552122; A630013F22Rik
NCBI Protein Information	tissue factor pathway inhibitor; extrinsic pathway inhibitor; lipoprotein-associated coagulation inhibitor
UniProt Protein Name	Tissue factor pathway inhibitor
UniProt Gene Name	Tfpi
UniProt Synonym Gene Names	TFPI; EPI; LACI
UniProt Entry Name	TFPI1_MOUSE

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.