

Mouse LACI ELISA Kit | TFPI elisa kit

Mouse LACI ELISA Kit

CATALOG # AAA261676	REACTIVITY Mouse	APPLICATIONS ELISA
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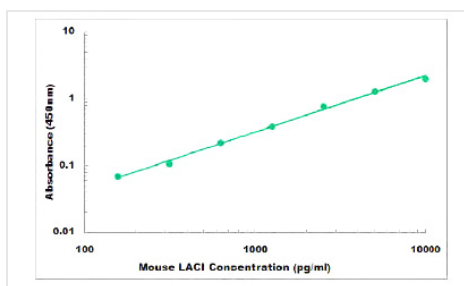
PRODUCT SYNONYMS

LACI; Mouse LACI ELISA Kit; TFPI1; Tissue factor pathway inhibitor; TFPI; Extrinsic pathway inhibitor; EPI; Lipoprotein-associated coagulation inhibitor; TFPI elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Specificity	The Mouse LACI ELISA Kit allows for the detection and quantification of endogenous levels of natural and/or recombinant Mouse LACI proteins within the range of 156 pg/ml - 10000 pg/ml.
Sequence Length	306
Samples	Cell Culture Supernatants, Serum, Plasma.
Sensitivity	10 pg/ml.
Applicable Applications for TFPI elisa kit	ELISA (Sandwich ELISA)
Preparation and Storage	Shipped and store at 4 degree C for 6 months, store at -20 degree C for one year. Avoid freeze/thaw cycles.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for TFPI elisa kit

Principle of the Assay||The Mouse LACI ELISA (Enzyme-Linked Immunosorbent Assay) kit is an in vitro enzyme-linked immunosorbent assay for the quantitative measurement of Mouse LACI in Cell Culture Supernatants, Serum, Plasma. This assay employs an antibody specific for Mouse LACI coated on a 96-well plate. Standards and samples are pipetted into the wells and LACI present in a sample is bound to the wells by the immobilized antibody. The wells are washed and biotinylated anti-Mouse LACI antibody is added. After washing away unbound biotinylated antibody, HRP-conjugated streptavidin is pipetted to the wells. The wells are again washed, a TMB substrate solution is added to the wells and color develops in proportion to the amount of LACI bound. The Stop Solution changes the color from blue to yellow, and the intensity of the color is measured at 450 nm.

Background/Introduction: 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.

NCBI AND UNIPROT INFORMATION

NCBI GI #	13124581
NCBI GeneID	21788
UniProt Accession #	O54819; Q9Z2U8
Molecular Weight	28,949 Da
NCBI Official Full Name	Tissue factor pathway inhibitor
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
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.

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Online datasheet: <https://stage.aaabiotech.com/tfpi-mouse-elisa-kits/laci/261676>