

Mouse Tissue Factor Pathway Inhibitor 2, Tfpi2 ELISA Kit | Tfpi2 elisa kit

Mouse Tissue Factor Pathway Inhibitor 2, Tfpi2 Primacu ELISA Kit

CATALOG #
AAA124401

REACTIVITY
Mouse

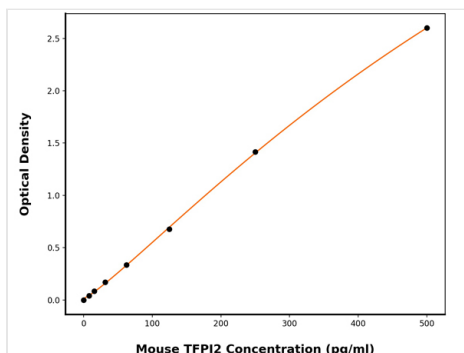
PRODUCT SYNONYMS

Tissue Factor Pathway Inhibitor 2; Tfpi2; Mouse Tissue Factor Pathway Inhibitor 2; Tfpi2 Primacu ELISA Kit; Tissue factor pathway inhibitor 2; TFPI2; Tfpi2 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Assay Type	Sandwich
Samples	Serum, plasma, cell culture supernates
Detection Range	7.81-500pg/mL
Sensitivity	2.84pg/mL
Standard Solution	5ng/mL
Assay Time	3.5h
Preparation and Storage	Store at 2-8 degree C

IMAGES



Standard Curve (Sample)

Typical Testing Data/Standard Curve (for reference only)

ADDITIONAL INFORMATION

Related Product Information for TfpI2 elisa kit	Tissue factor pathway inhibitor-2 (TFPI2), a member of the Kunitz-type serine proteinase inhibitor family, is a structural homologue of tissue factor pathway inhibitor (TFPI). It is a 32 kDa matrix-associated glycoprotein consisting of a short amino-terminal region, three tandem Kunitz-type domains and a positively charged carboxy-terminal tail. TFPI2 inhibits plasmin-dependent activation of several metalloproteinases. TFPI2 is highly abundant in the full-term placenta and widely expressed in various adult human tissues, such as the liver, skeletal muscle, heart, kidney, and pancreas. The expression of TFPI2 in tumors is inversely related to an increasing degree of malignancy, which may suggest a role for TFPI2 in the maintenance of tumor stability and inhibition of the growth of neoplasms. TFPI2 inhibits the tissue factor/factor VIIa (TF/VIIa) complex and a wide variety of serine proteinases including plasmin, plasma kallikrein, factor XIa, trypsin, and chymotrypsin. TFPI2 is involved in regulating pericellular proteases implicated in a variety of physiologic and pathologic processes including cancer cell invasion, vascular inflammation, and atherosclerosis. TFPI2 has also been shown to induce apoptosis and inhibit angiogenesis, which may contribute significantly to tumor growth inhibition.
Product Categories/Family for TfpI2 elisa kit	Primacu ELISA Kit; Cardiovascular; Cell biology

NCBI AND UNIPROT INFORMATION

NCBI GI #	6678311
NCBI GeneID	21789
NCBI Accession #	NP_033390.1
NCBI GenBank Nucleotide #	NM_009364.3
UniProt Accession #	O35536
Molecular Weight	26,137 Da
NCBI Official Full Name	tissue factor pathway inhibitor 2
NCBI Official Synonym Full Names	tissue factor pathway inhibitor 2
NCBI Official Symbol	TfpI2
NCBI Official Synonym Symbols	AV000670; PP5/TFPI-2
NCBI Protein Information	tissue factor pathway inhibitor 2
UniProt Protein Name	Tissue factor pathway inhibitor 2
UniProt Gene Name	TfpI2
UniProt Synonym Gene Names	TFPI-2
UniProt Entry Name	TFPI2_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/mouse-elisa-kits/tissue-factor-pathway-inhibitor-2-tfpI2/124401>