

Rat Tissue Factor Pathway Inhibitor ELISA Kit | TFPI elisa kit

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CATALOG #
AAA99055

REACTIVITY
Rat

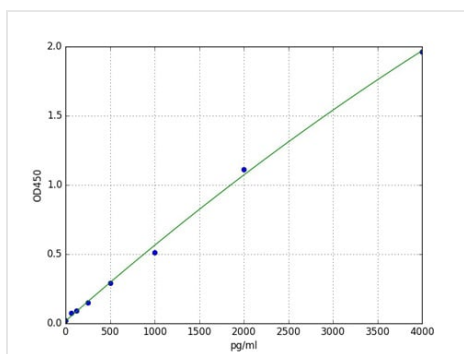
PRODUCT SYNONYMS

Tissue Factor Pathway Inhibitor; Rat Tissue Factor Pathway Inhibitor ELISA Kit; TFPI/EPI/LACI/convertin/EPITFPI1LACITFI/Extrinsic pathway inhibitor/Lipoprotein-associated coagulation inhibitor/tissue factor pathway inhibitor/tissue factor pathway inhibitor (lipoprotein-associated coagulation inhibitor); TFPI elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Rat
Sequence Length	304
Assay Type	Sandwich ELISA, Double Antibody
Samples	Serum, Plasma, Cell Culture Supernatant, cell or tissue lysate, Other liquid samples
Detection Range	62.5-4000pg/ml
Sensitivity	37.5pg/ml
Preparation and Storage	Store entire kit at 2-8C for short-term. For longer-term, please store the microplate & standard at -20C, while the remaining reagents can be stored at 2-8C

IMAGES



Standard Curve (Sample)

Typical Data & Standard Curve
Results of a typical standard run of a Rat TFPI ELISA Kit are shown below. This standard curve was generated at our lab for demonstration purpose only. Each user should obtain their own standard curve as per experiment. (N/A=not applicable)

X	pg/ml	0	62.5	125	250	500	1000	2000	4000
Y	OD450	0.034	0.093	0.132	0.227	0.434	0.719	1.336	2.014

Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for TFPI elisa kit

Principle of the Assay||This kit was based on sandwich enzyme-linked immune-sorbent assay technology. anti-Rat TFPI antibody was pre-coated onto 96-well plates. And the biotin conjugated anti-Rat TFPI antibody was used as detection antibodies. The standards, test samples and biotin conjugated detection antibody were added to the wells subsequently, and wash with wash buffer. HRP-Streptavidin was added and unbound conjugates were washed away with wash buffer. TMB substrates were 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 Rat TFPI amount of sample captured in plate. Read the O.D. absorbance at 450nm in a microplate reader, and then the concentration of Rat TFPI can be calculated.

NCBI AND UNIPROT INFORMATION

NCBI GI #	303324582
NCBI GeneID	613026
NCBI Accession #	NP_001181951.1
NCBI GenBank Nucleotide #	NM_001195022.1
Molecular Weight	35,085 Da
NCBI Official Full Name	tissue factor pathway inhibitor
NCBI Official Symbol	TFPI
NCBI Official Synonym Symbols	EPI; LACI
NCBI Protein Information	tissue factor pathway inhibitor
UniProt Protein Name	Tissue factor pathway inhibitor
UniProt Gene Name	TFPI
UniProt Synonym Gene Names	TFPI1; TFPI; EPI; LACI
UniProt Entry Name	TFPI1_MACMU

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-rat-elisa-kits/tissue-factor-pathway-inhibitor/99055>