

Mouse Tissue Factor Pathway Inhibitor 2 ELISA Kit | TFPI2 elisa kit

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CATALOG #
AAA101701

REACTIVITY
Mouse

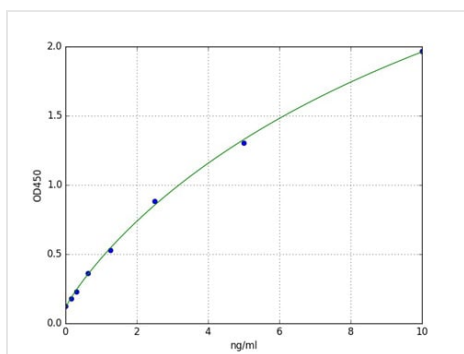
PRODUCT SYNONYMS

Tissue Factor Pathway Inhibitor 2; Mouse Tissue Factor Pathway Inhibitor 2 ELISA Kit; TFPI2/PP5/REF-1/Placental protein 5/PP5FLJ21164/TFPI-2REF1/tissue factor pathway inhibitor 2; TFPI2 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Sequence Length	235
Assay Type	Sandwich ELISA, Double Antibody
Samples	Serum, Plasma, Cell Culture Supernatant, cell or tissue lysate, Other liquid samples
Detection Range	0.156-10ng/ml
Sensitivity	0.094ng/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 Mouse TFPI2 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	ng/ml	0	0.156	0.313	0.625	1.25	2.5	5	10
Y	OD450	0.081	0.134	0.170	0.289	0.428	0.799	1.432	2.125

Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for TFPI2 elisa kit

Principle of the Assay||This kit was based on sandwich enzyme-linked immune-sorbent assay technology. anti-Mouse TFPI2 antibody was pre-coated onto 96-well plates. And the biotin conjugated anti-Mouse TFPI2 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 Mouse TFPI2 amount of sample captured in plate. Read the O.D. absorbance at 450nm in a microplate reader, and then the concentration of Mouse TFPI2 can be calculated.

NCBI AND UNIPROT INFORMATION

NCBI GI #	5730091
NCBI GeneID	7980
NCBI Accession #	NP_006519.1
NCBI GenBank Nucleotide #	NM_006528.3
Molecular Weight	25,796 Da
NCBI Official Full Name	tissue factor pathway inhibitor 2 isoform 1
NCBI Official Synonym Full Names	tissue factor pathway inhibitor 2
NCBI Official Symbol	TFPI2
NCBI Official Synonym Symbols	PP5; REF1; 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; PP5
UniProt Entry Name	TFPI2_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.

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Online datasheet: <https://stage.aaabiotech.com/tfpi2-mouse-elisa-kits/tissue-factor-pathway-inhibitor-2/101701>