

Human PP5 ELISA Kit | TFPI2 elisa kit

Human PP5 ELISA Kit

CATALOG # AAA261727	REACTIVITY Human	APPLICATIONS ELISA
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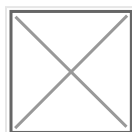
PRODUCT SYNONYMS

PP5; Human PP5 ELISA Kit; Tissue factor pathway inhibitor 2; TFPI-2; Placental protein 5; TFPI2 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	The Human PP5 ELISA Kit allows for the detection and quantification of endogenous levels of natural and/or recombinant Human PP5 proteins within the range of 156 pg/ml - 10000 pg/ml.
Sequence Length	235
Samples	Culture Supernatants, Serum.
Sensitivity	< 10 pg/ml
Applicable Applications for TFPI2 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 TFPI2 elisa kit

Background: TFPI2, also called Tissue factor pathway inhibitor 2, is a protein that in humans is encoded by the TFPI2 gene. It is mapped to 7q21.3. This gene encodes a member of the Kunitz-type serine proteinase inhibitor family. The protein can inhibit a variety of serine proteases including factor VIIa/tissue factor, factor Xa, plasmin, trypsin, chymotrypsin and plasma kallikrein. This gene has been identified as a tumor suppressor gene in several types of cancer. Qualitative PCR and microarray analyses showed that expression of TFPI2 was inversely correlated with that of MIR616 in prostate cancer cell lines, primary tumors of various grades, and normal tissue.

Principle of the Assay: The AAA Biotech' Human PP5 ELISA (Enzyme-Linked Immunosorbent Assay) kit is an in vitro enzyme-linked immunosorbent assay for the quantitative measurement of Human PP5 in Cell Culture Supernatants, Serum. This assay employs an antibody specific for Human PP5 coated on a 96-well plate. Standards and samples are pipetted into the wells and PP5 present in a sample is bound to the wells by the immobilized antibody. The wells are washed and biotinylated anti-Human PP5 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 PP5 bound. The Stop Solution changes the color from blue to yellow, and the intensity of the color is measured at 450 nm.

NCBI AND UNIPROT INFORMATION

NCBI GI #	1351226
NCBI GeneID	7980
UniProt Accession #	P48307; Q66ME8; Q8NAK6; Q9UC86
Molecular Weight	25,796 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	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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/tfpi2-human-elisa-kits/pp5/261727>