

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

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CATALOG #
AAA89384

REACTIVITY
Porcine

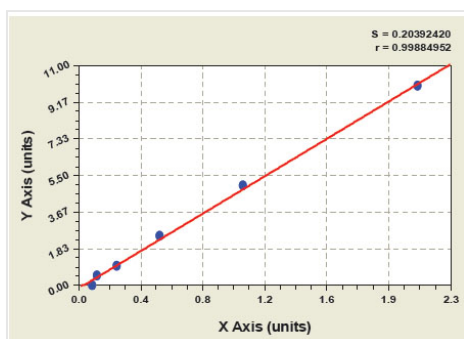
PRODUCT SYNONYMS

Tissue Factor Pathway Inhibitor 2; Porcine Tissue Factor Pathway Inhibitor 2 ELISA Kit; TFPI2 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Porcine
Samples	Serum, plasma, Cell Culture Supernatants, body fluid and tissue homogenate
Assay Type	Sandwich
Sensitivity	0.1 ng/mL.
Intended Uses	This TFPI2 ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Porcine TFPI2. This ELISA kit for research use only, not for therapeutic applications!
Preparation and Storage	Store all reagents at 2-8 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for TFPI2 elisa kit

Principle of the assay: TFPI2 ELISA kit applies the quantitative sandwich enzyme immunoassay technique. The microtiter plate has been pre-coated with a monoclonal antibody specific for TFPI2. Standards or samples are then added to the microtiter plate wells and TFPI2 if present, will bind to the antibody pre-coated wells. In order to quantitatively determine the amount of TFPI2 present in the sample, a standardized preparation of horseradish peroxidase (HRP)-conjugated polyclonal antibody, specific for TFPI2 are added to each well to "sandwich" the TFPI2 immobilized on the plate. The microtiter plate undergoes incubation, and then the wells are thoroughly washed to remove all unbound components. Next, substrate solutions are added to each well. The enzyme (HRP) and substrate are allowed to react over a short incubation period. Only those wells that contain TFPI2 and enzyme-conjugated antibody will exhibit a change in color. The enzyme-substrate reaction is terminated by addition of a sulphuric acid solution and the color change is measured spectrophotometrically at a wavelength of 450 nm. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The TFPI2 concentration in each sample is interpolated from this standard curve.

Product Categories/Family for TFPI2 elisa kit

Cardiovascular

NCBI AND UNIPROT INFORMATION

NCBI GI #	5730091
NCBI GeneID	7980
NCBI Accession #	NP_006519.1
NCBI GenBank Nucleotide #	NM_006528.3
Molecular Weight	26,934 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; placental protein 5; retinal pigment epithelium cell factor 1
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-porcine-elisa-kits/tissue-factor-pathway-inhibitor-2/89384>