

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

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CATALOG #
AAA88397

REACTIVITY
Bovine

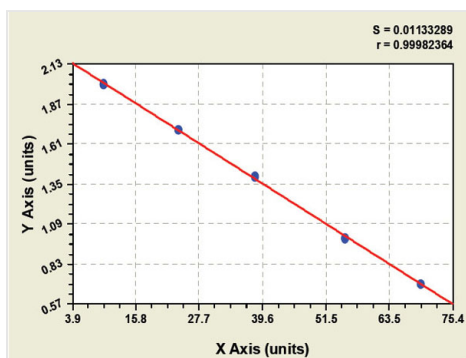
PRODUCT SYNONYMS

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

PRODUCT SPECIFICATIONS

Reactivity	Bovine
Samples	Serum, plasma, Cell Culture Supernatants, body fluid and tissue homogenate
Assay Type	Competitive
Sensitivity	1.0 ng/mL.
Intended Uses	This TFPI2 ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Bovine 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 competitive enzyme immunoassay technique utilizing a monoclonal anti-TFPI2 antibody and an TFPI2-HRP conjugate. The assay sample and buffer are incubated together with TFPI2-HRP conjugate in pre-coated plate for one hour. After the incubation period, the wells are decanted and washed five times. The wells are then incubated with a substrate for HRP enzyme. The product of the enzyme-substrate reaction forms a blue colored complex. Finally, a stop solution is added to stop the reaction, which will then turn the solution yellow. The intensity of color is measured spectrophotometrically at 450nm in a microplate reader. The intensity of the color is inversely proportional to the TFPI2 concentration since TFPI2 from samples and TFPI2-HRP conjugate compete for the anti-TFPI2 antibody binding site. Since the number of sites is limited, as more sites are occupied by TFPI2 from the sample, fewer sites are left to bind TFPI2-HRP conjugate. 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://www.aaabiotech.com/tfpi2-bovine-ovine-elisa-kits/tissue-factor-pathway-inhibitor-2/88397>