

## Goat Tissue factor pathway inhibitor ELISA Kit | TFPI elisa kit

Goat Tissue factor pathway inhibitor ELISA Kit

CATALOG #  
**AAA88644**

REACTIVITY  
**Goat**

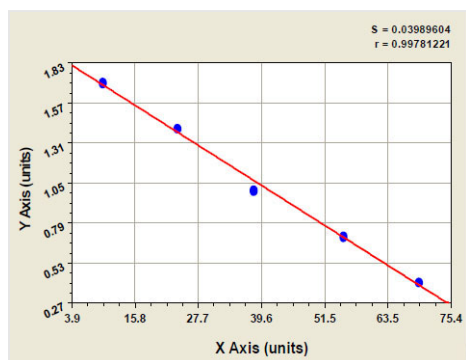
### PRODUCT SYNONYMS

Tissue factor pathway inhibitor; Goat Tissue factor pathway inhibitor ELISA Kit; TFPI elisa kit

### PRODUCT SPECIFICATIONS

|                         |                                                                                                                                                                                       |
|-------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Reactivity              | Goat                                                                                                                                                                                  |
| Samples                 | Serum, plasma, Cell Culture Supernatants, body fluid and tissue homogenate                                                                                                            |
| Assay Type              | Competitive                                                                                                                                                                           |
| Sensitivity             | 0.1 ng/mL.                                                                                                                                                                            |
| Intended Uses           | This TFPI ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Goat TFPI. 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 TFPI elisa kit

**Principle of the assay:** TFPI ELISA kit applies the competitive enzyme immunoassay technique utilizing a monoclonal anti-TFPI antibody and an TFPI-HRP conjugate. The assay sample and buffer are incubated together with TFPI-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 TFPI concentration since TFPI from samples and TFPI-HRP conjugate compete for the anti-TFPI antibody binding site. Since the number of sites is limited, as more sites are occupied by TFPI from the sample, fewer sites are left to bind TFPI-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The TFPI concentration in each sample is interpolated from this standard curve.

#### Product Categories/Family for TFPI elisa kit

Cardiovascular

NCBI AND UNIPROT INFORMATION

|                                  |                                                                                |
|----------------------------------|--------------------------------------------------------------------------------|
| NCBI GI #                        | 73760409                                                                       |
| NCBI GeneID                      | 7035                                                                           |
| NCBI Accession #                 | NP_001027452.1                                                                 |
| NCBI GenBank Nucleotide #        | NM_001032281.2                                                                 |
| UniProt Accession #              | P10646; O95103; Q53TS4; Q59EE5                                                 |
| Molecular Weight                 | 35,015 Da                                                                      |
| NCBI Official Full Name          | tissue factor pathway inhibitor isoform b                                      |
| NCBI Official Synonym Full Names | tissue factor pathway inhibitor (lipoprotein-associated coagulation inhibitor) |
| NCBI Official Symbol             | TFPI                                                                           |
| NCBI Official Synonym Symbols    | EPI; TFI; LACI; TFPI1                                                          |
| NCBI Protein Information         | tissue factor pathway inhibitor; anti-convertin; extrinsic pathway inhibitor   |
| UniProt Protein Name             | Tissue factor pathway inhibitor                                                |
| UniProt Gene Name                | TFPI                                                                           |
| UniProt Synonym Gene Names       | LACI; TFPI1; TFPI; EPI; LACI                                                   |
| UniProt Entry Name               | TFPI1_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/tfpi-goat-elisa-kits/tissue-factor-pathway-inhibitor/88644>