

Datasheet for ABIN6719791

**Tissue factor ELISA Kit****1** Image[Go to Product page](#)

## Overview

Quantity:	1 kit
Target:	Tissue factor (F3)
Reactivity:	Human
Method Type:	Sandwich ELISA
Detection Range:	15.6 pg/mL - 1000 pg/mL
Minimum Detection Limit:	15.6 pg/mL
Application:	ELISA

## Product Details

Purpose:	Human Tissue factor - F3 Sandwich ELISA Kit for Quantitative Detection
Brand:	AccuSignal™
Sample Type:	Cell Culture Lysate, Cell Culture Supernatant, Plasma (EDTA - heparin - citrate), Serum, Urine
Analytical Method:	Quantitative
Detection Method:	Colorimetric
Specificity:	Production: Natural and recombinant human Tissue factor. There is no detectable cross-reactivity with other relevant proteins.
Sensitivity:	< 10 pg/mL
Components:	<ul style="list-style-type: none"><li>• Antibody-coated 96-well plate</li><li>• Target Protein Standard</li><li>• Detection antibody</li></ul>

## Product Details

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- Detection reagent
- Diluent buffers
- Wash buffers
- Substrate Solution
- Stop solutions
- Adhesive covers

## Target Details

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Target: Tissue factor (F3)

Alternative Name: Tissue Factor/F3 ([F3 Products](#))

Background: Synonyms: CD142, Coagulation factor III, F3, TF, TF\_HUMAN, TFA, Thromboplastin, Tissue factor

Background: Tissue factor, also called platelet tissue factor, factor III, thrombokinase, or CD142 is a protein present in sub endothelial tissue and leukocytes necessary for the initiation of thrombin formation from the zymogene prothrombin. An incorrect synonym is thromboplastin. the F3 gene was mapped to 1pter-p21 by study of somatic cell hybrids with a species-specific sensitive chromogenic assay. This gene encodes coagulation factor III which is a cell surface glycoprotein. This factor enables cells to initiate the blood coagulation cascades, and it functions as the high-affinity receptor for the coagulation factor VII.

Gene ID: 2152

NCBI Accession: [NP\\_001171567](#)

UniProt: [P13726](#)

Pathways: [Positive Regulation of Endopeptidase Activity, Smooth Muscle Cell Migration, Platelet-derived growth Factor Receptor Signaling](#)

## Application Details

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Application Notes: Useful in Sandwich ELISA for Quantitative Detection of Antigen. Aliquot 0.1 mL per well of the 1000pg/mL, 500pg/mL, 250pg/mL, 125pg/mL, 62.5pg/mL, 31.2pg/mL, 15.6pg/mL human Tissue factor standard solutions into the precoated 96-well plate. Add 0.1 mL of the sample diluent buffer into the control well (Zero well). Add 0.1 mL of each properly diluted sample of human cell culture supernates, serum, plasma(heparin, EDTA, citrate) cell lysates or urine to each empty well. It is recommended that each human Tissue factor standard solution and each sample be measured in duplicate.

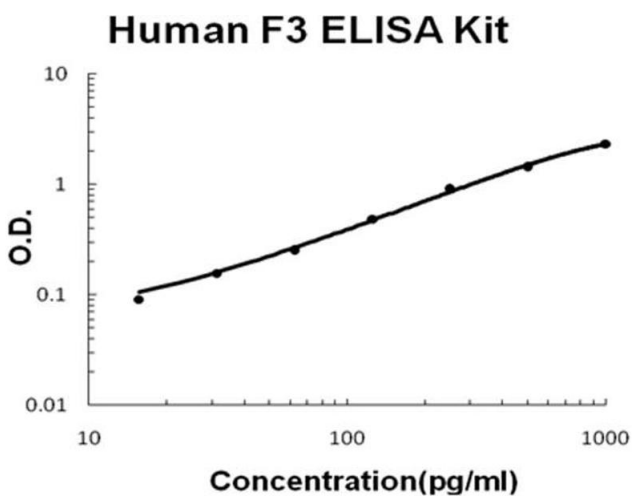
## Application Details

Comment:	Standard: Expression system for standard: NSO, Immunogen sequence: S33-E251
Sample Volume:	100 µL
Plate:	Pre-coated
Restrictions:	For Research Use only

## Handling

Storage:	4 °C, -20 °C
Storage Comment:	Store vials at 4°C prior to opening. Centrifuge product if not completely clear after standing at room temperature. This product is stable for 6 months at 4°C as an undiluted liquid. Dilute only prior to immediate use. For extended storage freeze at -20°C or below for 12 months. Avoid cycles of freezing and thawing.
Expiry Date:	12 months

## Images



### ELISA

**Image 1.** Human Tissue factor/F3 Accusignal ELISA Kit  
Human Tissue factor/F3 AccuSignal ELISA Kit standard curve. Assay Range: 15.6pg/ml-1000pg/ml.  
Sensitivity: <10pg/ml.