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## Datasheet for ABIN6720362 TFF3 ELISA Kit

### Overview

Quantity:	1 kit
Target:	TFF3
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:	Sandwich ELISA for Quantitative Detection of Antigen
Sample Type:	Cell Culture Supernatant, Plasma (EDTA - heparin), Saliva, Serum, Urine
Analytical Method:	Quantitative
Detection Method:	Colorimetric

Characteristics:	<p>Synonyms: hITF, hP1.B, Intestinal trefoil factor, ITF, mITF, OTTMUSP00000021729, Polypeptide P1.B, TFF3, TFF3_HUMAN, TFI, TREFOIL, Trefoil factor (intestinal), Trefoil factor 3</p> <p>Background: Trefoil factor 3 is a protein that in humans is encoded by the TFF3 gene. It is mapped to 21q22.3. Members of the trefoil family can interact with mucins and have an influence on mucus viscosity. They also promote migration of epithelial cells, are linked to antiapoptosis, induce cell scattering, trigger chemotaxis, and participate in immune responses. This gene is a marker of columnar epithelium and is expressed in a variety of tissues including goblet cells of the intestines and colon. It has been found that TFF3 is the most highly</p>
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## Product Details

upregulated gene in 19 poorly differentiated endometrioid endometrial carcinomas (G3-EECs) compared with normal endometrium biopsies.

Gene Name: TFF3

Production: Natural and recombinant human TFF3. There is no detectable cross-reactivity with other relevant proteins.

Standard: Expression system for standard: E.coli, Immunogen sequence: E22-Y80

## Target Details

Target: TFF3

Alternative Name: TFF3 ([TFF3 Products](#))

Gene ID: 7033

NCBI Accession: [NP\\_003217](#)

UniProt: [Q07654](#)

## Application Details

Application Notes: Application Note: 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 TFF3 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), saliva or urine to each empty well. It is recommended that each human TFF3 standard solution and each sample be measured in duplicate.

Blood Product Anticoagulant: Heparin Sodium

ELISA Dilution: 15.6pg/mL-1000pg/mL

Sample Volume: 100 µL

Plate: Pre-coated

Restrictions: For Research Use only

## Handling

Storage: RT, 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.