



[Go to Product page](#)

Datasheet for ABIN5692207
TFF3 ELISA Kit

Overview

Quantity:	96 tests
Target:	TFF3
Binding Specificity:	AA 23-81
Reactivity:	Rat
Method Type:	Sandwich ELISA
Detection Range:	31.2 pg/mL - 2000 pg/mL
Minimum Detection Limit:	31.2 pg/mL
Application:	ELISA

Product Details

Purpose:	Sandwich High Sensitivity ELISA kit for Quantitative Detection of rat TFF3. 96wells/kit, with removable strips.
Brand:	PicoKine™
Sample Type:	Cell Culture Supernatant, Plasma (EDTA - heparin), Serum
Analytical Method:	Quantitative
Detection Method:	Colorimetric
Specificity:	Expression system for standard: E.coli, Immunogen sequence: A23-F81
Sensitivity:	< 10 pg/mL
Components:	96-well plate precoated with antibody lyophilized recombinant standard

Product Details

biotinylated antibody (dilution 1:100)
Avidin-Biotin-Peroxidase Complex(ABC)(dilution 1:100)
Sample diluent buffer
Antibody diluent buffer
ABC diluent buffer
TMB color developing agent
TMB stop solution
Adhesive cover

Target Details

Target: TFF3

Alternative Name: Tff3 ([TFF3 Products](#))

Background: Synonyms: Trefoil factor 3, Intestinal trefoil factor, rITF, Polypeptide P1.B, rP1.B, Tff3, Itf
Tissue Specificity: Expressed in goblet cells of the intestines, and colon, in paraventricular hypothalamus and supraoptic nuclei. Weakly expressed in gastric epithelial cells (at protein level). Expressed by goblet cells of small and large intestinal epithelia, kidney and stomach. Expressed in the paraventricular hypothalamus, arcuate nucleus and amygdala of the brain. Weakly expressed in gastric epithelial cells.

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

Cellular Localisation: Secreted, extracellular space, extracellular matrix.

UniProt: [Q03191](#)

Application Details

Assay Time: 0.5 h

Plate: Pre-coated

Restrictions: For Research Use only

Handling

Storage: 4 °C,-20 °C

Storage Comment: Store at 4°C for 6 months, at -20°C for 12 months. Avoid multiple freeze-thaw cycles(Shipped with wet ice.)

Expiry Date: 12 months