

Human TFF3 ELISA Kit | TFF3 elisa kit

Human TFF3 PicoKine ELISA Kit

CATALOG #
AAA45933

REACTIVITY
Human

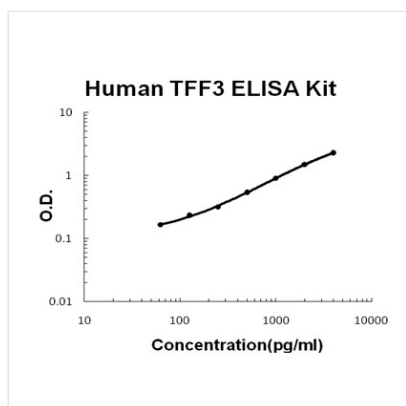
PRODUCT SYNONYMS

TFF3; Human TFF3 PicoKine ELISA Kit; Trefoil factor 3; trefoil factor 3 (intestinal); hITF; hP1.B; Intestinal trefoil factor; ITF; mITF; OTTMUSP00000021729; Polypeptide P1.B; TFF3_HUMAN; TFI; TREFOIL; Trefoil factor (intestinal); TFF3 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	Natural and recombinant human TFF3
Sequence Length	80
Samples	Cell culture supernates, serum, plasma (heparin, EDTA), saliva and urine
Assay Type	Sandwich
Detection Range	15.6pg/ml-1000pg/ml
Sensitivity	< 10pg/ml
Intra-assay Precision	Intra-Assay Precision (Precision within an assay) Three samples of known concentration were tested on one plate to assess intra-assay precision.
Inter-assay Precision	Inter-Assay Precision (Precision between assays) Three samples of known concentration were tested in separate assays to assess inter-assay precision.
Preparation and Storage	Store at 4 degree C for 6 months, at -20 degree C for 12 months. Avoid multiple freeze-thaw cycles (Shipped with wet ice.)

IMAGES



Standard Curve (Sample)

Human TFF3 PicoKine ELISA Kit standard curve

ADDITIONAL INFORMATION

Related Product Information for TFF3 elisa kit	Principle of the assay: human TFF3 ELISA Kit was based on standard sandwich enzyme-linked immune-sorbent assay technology. A monoclonal antibody from mouse specific for TFF3 has been precoated onto 96-well plates. Standards(E.coli, E22-Y80) and test samples are added to the wells, a biotinylated detection polyclonal antibody from goat specific for TFF3 is added subsequently and then followed by washing with PBS or TBS buffer. Avidin-Biotin-Peroxidase Complex was added and unbound conjugates were washed away with PBS or TBS buffer. HRP substrate TMB was used to visualize HRP enzymatic reaction. TMB was catalyzed by HRP to produce a blue color product that changed into yellow after adding acidic stop solution. The density of yellow is proportional to the human TFF3 amount of sample captured in plate. 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.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	585328
NCBI GeneID	7033
UniProt Accession #	Q07654; Q96NX0; Q9UDA5; E9PBB5
Molecular Weight	10,181 Da
NCBI Official Full Name	Trefoil factor 3
NCBI Official Synonym Full Names	trefoil factor 3 (intestinal)
NCBI Official Symbol	TFF3
NCBI Official Synonym Symbols	ITF; P1B; TFI
NCBI Protein Information	trefoil factor 3; polypeptide P1.B
UniProt Protein Name	Trefoil factor 3
UniProt Gene Name	TFF3
UniProt Synonym Gene Names	ITF; TFI; hITF; hP1.B
UniProt Entry Name	TFF3_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.