

## Human TFF3 Antibody Pair Set

Catalog No. E-KAB-0520

Applications

ELISA

Synonyms ITF;P1B;TFI

### Kit components & Storage

Title	Specifications	Storage
Human TFF3 Capture Antibody	1 vial, 100 µg	Store at -20°C for one year. Avoid freeze/thaw cycles.
Human TFF3 Detection Antibody (Biotin)	1 vial, 50 µL	Store at -20°C for one year. Avoid freeze/thaw cycles.

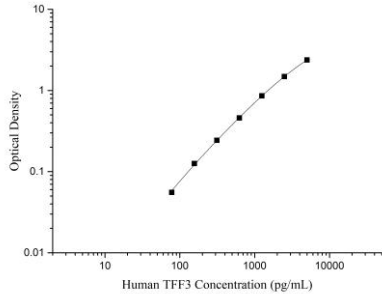
**Note:** Centrifuge before opening to ensure complete recovery of vial contents.

### Product Information

Items		Characteristic (E-KAB-0520)	
		Human TFF3 Capture Antibody	Human TFF3 Detection Antibody (Biotin)
Immunogen Information	Immunogen	Recombinant Human TFF3 protien	Recombinant Human TFF3 protien
	Swissprot	Q07654	
Product details	Reactivity	Human	Human
	Host	Sheep	Sheep
	Conjugation	Unconjugated	Biotin
	Concentration	0.5 mg/mL	/
	Buffer	PBS with 0.04% Proclin 300; 50% glycerol; pH 7.5	PBS with 0.04% Proclin 300; 1% protective protein; 50% glycerol; pH 7.5
	Purify	Antigen Affinity	Antigen Affinity
	Specificity	Detects Human TFF3 in ELISAs.	

## Applications

Human TFF3 Sandwich ELISA Assay:

	Recommended Concentration/Dilution	Reagent	Images
ELISA Capture	0.5-4 µg/mL	Human TFF3 Capture Antibody	 <p>The graph is a log-log plot. The x-axis is labeled 'Human TFF3 Concentration (pg/mL)' and ranges from 10 to 10,000. The y-axis is labeled 'Optical Density' and ranges from 0.01 to 10. The data points form a straight line with a positive slope, indicating a linear relationship between the concentration of Human TFF3 and the optical density measured in the assay.</p>
ELISA Detection	1:1000-1:10000	Human TFF3 Detection Antibody (Biotin)	

**Note:** This standard curve is only for demonstration purposes. A standard curve should be generated for each assay!

## Background

Members of the trefoil family are characterized by having at least one copy of the trefoil motif, a 40-amino acid domain that contains three conserved disulfides. They are stable secretory proteins expressed in gastrointestinal mucosa. Their functions are not defined, but they may protect the mucosa from insults, stabilize the mucus layer and affect healing of the epithelium. This gene is expressed in goblet cells of the intestines and colon. This gene and two other related trefoil family member genes are found in a cluster on chromosome 21.