

Human Trefoil factor 1 ELISA Kit | TFF1 elisa kit

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CATALOG #
AAA102493

REACTIVITY
Human

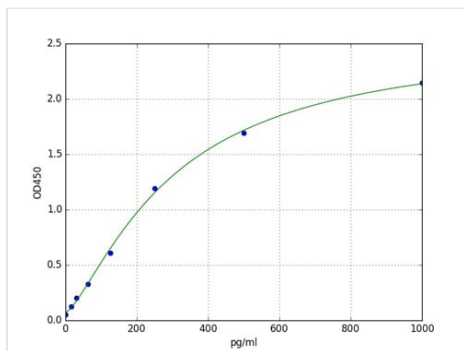
PRODUCT SYNONYMS

Trefoil factor 1; Human Trefoil factor 1 ELISA Kit; TFF1 (Trefoil Factor 1)/BCEI/D21S21/HPS2/PNR-2/PS2/trefoil factor 1; TFF1 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Sequence Length	84
Assay Type	Sandwich ELISA, Double Antibody
Samples	Serum, Plasma, Cell Culture Supernatant, cell or tissue lysate, Other liquid samples
Detection Range	15.625-1000pg/ml
Sensitivity	9.375pg/ml
Preparation and Storage	Store entire kit at 2-8C for short-term. For longer-term, please store the microplate & standard at -20C, while the remaining reagents can be stored at 2-8C

IMAGES



Standard Curve (Sample)

Typical Data & Standard Curve

Results of a typical standard run of a Human TFF1 ELISA Kit are shown below. This standard curve was generated at our lab for demonstration purpose only. Each user should obtain their own standard curve as per experiment. (N/A=not applicable)

X	pg/ml	0	125	250	500	1000	2000	4000	8000
Y	OD450	0.015	0.054	0.092	0.170	0.351	0.719	1.455	2.259

Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for TFF1 elisa kit

Principle of the Assay||This kit was based on sandwich enzyme-linked immune-sorbent assay technology. Anti-Human TFF1 antibody was pre-coated onto 96-well plates. And the biotin conjugated anti-Human TFF1 antibody was used as detection antibodies. The standards, test samples and biotin conjugated detection antibody were added to the wells subsequently, and wash with wash buffer. HRP-Streptavidin was added and unbound conjugates were washed away with wash buffer. TMB substrates were 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 TFF1 amount of sample captured in plate. Read the O.D. absorbance at 450nm in a microplate reader, and then the concentration of Human TFF1 can be calculated.

NCBI AND UNIPROT INFORMATION

NCBI GI #

4507451

NCBI GeneID	7031
NCBI Accession #	NP_003216.1
NCBI GenBank Nucleotide #	NM_003225.2
Molecular Weight	9,150 Da
NCBI Official Full Name	trefoil factor 1
NCBI Official Synonym Full Names	trefoil factor 1
NCBI Official Symbol	TFF1
NCBI Official Synonym Symbols	pS2; BCEI; HPS2; HP1.A; pNR-2; D21S21
NCBI Protein Information	trefoil factor 1
UniProt Protein Name	Trefoil factor 1
UniProt Gene Name	TFF1
UniProt Synonym Gene Names	BCEI; PS2; hP1.A
UniProt Entry Name	TFF1_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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/tff1-human-elisa-kits/trefoil-factor-1/102493>