

Rat Trefoil Factor 2 ELISA Kit | TFF2 elisa kit

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CATALOG #
AAA101184

REACTIVITY
Rat

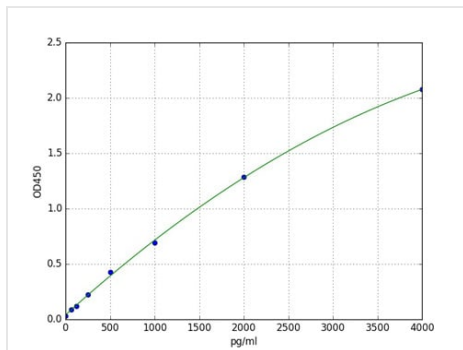
PRODUCT SYNONYMS

Trefoil Factor 2; Rat Trefoil Factor 2 ELISA Kit; TFF2/SML1/SP/Spasmolysin/Spasmolytic Polypeptide/SML1/trefoil factor 2; SML1; human spasmolytic polypeptide (SP)10spasmolytic protein 1/SP/spasmolysin/Spasmolysin/Spasmolytic polypeptide/trefoil factor 2; TFF2 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Rat
Sequence Length	129
Assay Type	Sandwich ELISA, Double Antibody
Samples	Serum, Plasma, Cell Culture Supernatant, cell or tissue lysate, Other liquid samples
Detection Range	62.5-4000pg/ml
Sensitivity	37.5pg/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 Rat TFF2 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	62.5	125	250	500	1000	2000	4000
Y	OD450	0.010	0.070	0.131	0.274	0.609	1.303	1.899	2.029

Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for TFF2 elisa kit

Principle of the Assay||This kit was based on sandwich enzyme-linked immune-sorbent assay technology. anti-Rat TFF2 antibody was pre-coated onto 96-well plates. And the biotin conjugated anti-Rat TFF2 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 Rat TFF2 amount of sample captured in plate. Read the O.D. absorbance at 450nm in a microplate reader, and then the concentration of Rat TFF2 can be calculated.

NCBI AND UNIPROT INFORMATION

NCBI GI #	4885629
NCBI GeneID	7032
NCBI Accession #	NP_005414.1
NCBI GenBank Nucleotide #	NM_005423.4
Molecular Weight	14,284 Da
NCBI Official Full Name	trefoil factor 2
NCBI Official Synonym Full Names	trefoil factor 2
NCBI Official Symbol	TFF2
NCBI Official Synonym Symbols	SP; SML1
NCBI Protein Information	trefoil factor 2
UniProt Protein Name	Trefoil factor 2
UniProt Gene Name	TFF2
UniProt Synonym Gene Names	SML1; SP
UniProt Entry Name	TFF2_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.

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Online datasheet: <https://stage.aaabiotech.com/tff2-rat-elisa-kits/trefoil-factor-2/101184>