

Porcine Trefoil Factor 1 ELISA Kit | TFF1 elisa kit

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CATALOG #
AAA90601

REACTIVITY
Porcine

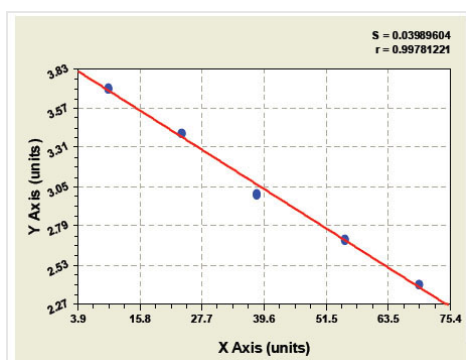
PRODUCT SYNONYMS

Trefoil Factor 1; Porcine Trefoil Factor 1 ELISA Kit; TFF1 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Porcine
Samples	Serum, plasma, Cell Culture Supernatants, body fluid and tissue homogenate
Assay Type	Competitive
Sensitivity	0.1 ng/mL.
Preparation and Storage	Store all reagents at 2-8 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for TFF1 elisa kit

For samples: Serum, plasma, cell culture supernatants, body fluid and tissue homogenate

INTENDED USE This TFF1 ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Porcine TFF1. This ELISA kit for research use only!

PRINCIPLE OF THE ASSAY TFF1 ELISA kit applies the competitive enzyme immunoassay technique utilizing a monoclonal anti-TFF1 antibody and an TFF1-HRP conjugate. The assay sample and buffer are incubated together with TFF1-HRP conjugate in pre-coated plate for one hour. After the incubation period, the wells are decanted and washed five times. The wells are then incubated with a substrate for HRP enzyme. The product of the enzyme-substrate reaction forms a blue colored complex. Finally, a stop solution is added to stop the reaction, which will then turn the solution yellow. The intensity of color is measured spectrophotometrically at 450nm in a microplate reader. The intensity of the color is inversely proportional to the TFF1 concentration since TFF1 from samples and TFF1-HRP conjugate compete for the anti-TFF1 antibody binding site. Since the number of sites is limited, as more sites are occupied by TFF1 from the sample, fewer sites are left to bind TFF1-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The TFF1 concentration in each sample is interpolated from this standard curve.

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; protein pS2; polypeptide P1.A; gastrointestinal trefoil protein pS2; breast cancer estrogen-inducible protein; breast cancer estrogen-inducible sequence
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.