

Porcine Trefoil Factor 2 ELISA Kit | ITF2 elisa kit

Porcine Trefoil Factor 2 ELISA Kit

CATALOG #
AAA88163

REACTIVITY
Porcine

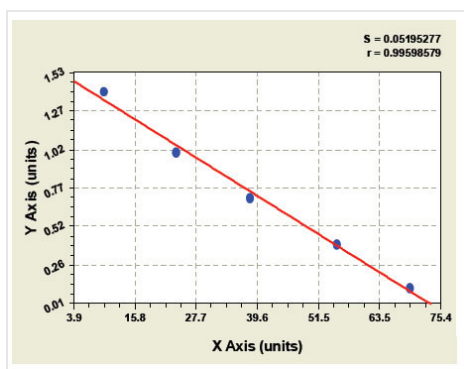
PRODUCT SYNONYMS

Trefoil Factor 2; Porcine Trefoil Factor 2 ELISA Kit; ITF2 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.
Intended Uses	This ITF2 ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Porcine ITF2. This ELISA kit for research use only, not for therapeutic applications!
Preparation and Storage	Store all reagents at 2-8 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for ITF2 elisa kit

Principle of the Assay: ITF2 ELISA kit applies the competitive enzyme immunoassay technique utilizing a monoclonal anti-ITF2 antibody and an ITF2-HRP conjugate. The assay sample and buffer are incubated together with ITF2-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 ITF2 concentration since ITF2 from samples and ITF2-HRP conjugate compete for the anti-ITF2 antibody binding site. Since the number of sites is limited, as more sites are occupied by ITF2 from the sample, fewer sites are left to bind ITF2-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The ITF2 concentration in each sample is interpolated from this standard curve.

Product Categories/Family for ITF2 elisa kit

Signal Transduction

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; spasmodysin; spasmodytic protein 1; spasmodytic polypeptide
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/itf2-porcine-elisa-kits/trefoil-factor-2/88163>