

Sheep Trefoil Factor 3, Intestinal ELISA Kit | TFF3 elisa kit

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CATALOG #
AAA90797

REACTIVITY
Sheep

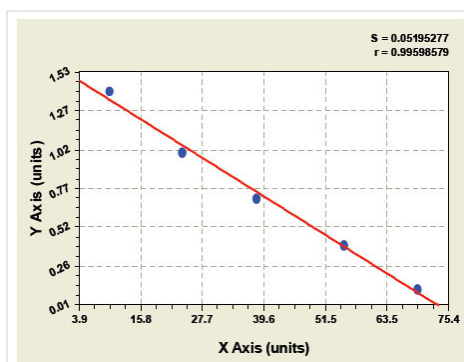
PRODUCT SYNONYMS

Trefoil Factor 3; Intestinal; Sheep Trefoil Factor 3; Intestinal ELISA Kit; TFF3 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Sheep
Samples	Serum, plasma, Cell Culture Supernatants, body fluid and tissue homogenate
Assay Type	Competitive
Sensitivity	0.1 ng/mL.
Intended Uses	This TFF3 ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Sheep TFF3. 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 TFF3 elisa kit

Principle of the Assay: TFF3 ELISA kit applies the competitive enzyme immunoassay technique utilizing a monoclonal anti-TFF3 antibody and an TFF3-HRP conjugate. The assay sample and buffer are incubated together with TFF3-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 TFF3 concentration since TFF3 from samples and TFF3-HRP conjugate compete for the anti-TFF3 antibody binding site. Since the number of sites is limited, as more sites are occupied by TFF3 from the sample, fewer sites are left to bind TFF3-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The TFF3 concentration in each sample is interpolated from this standard curve.

Product Categories/Family for TFF3 elisa kit

Signal Transduction

NCBI AND UNIPROT INFORMATION

NCBI GI #	6981644
NCBI GeneID	25563
NCBI Accession #	NP_037174.1
NCBI GenBank Nucleotide #	NM_013042.1
Molecular Weight	8,944 Da
NCBI Official Full Name	trefoil factor 3
NCBI Official Synonym Full Names	trefoil factor 3, intestinal
NCBI Official Symbol	Tff3
NCBI Official Synonym Symbols	ITF
NCBI Protein Information	trefoil factor 3; polypeptide P1.B; intestinal trefoil factor
UniProt Protein Name	Trefoil factor 3
UniProt Gene Name	Tff3
UniProt Synonym Gene Names	Itf; rITF; rP1.B
UniProt Entry Name	TFF3_RAT

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/tff3-sheep-elisa-kits/trefoil-factor-3-intestinal/90797>