

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

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CATALOG #
AAA88205

REACTIVITY
Canine

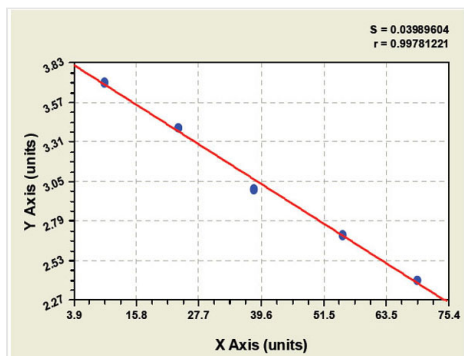
PRODUCT SYNONYMS

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

PRODUCT SPECIFICATIONS

Reactivity	Canine
Samples	Serum, plasma, Cell Culture Supernatants, body fluid and tissue homogenate
Assay Type	Competitive
Detection Range	250-5000pg/mL
Sensitivity	1.0pg/mL
Intended Uses	This TFF3 ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Canine 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.

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.