

Canine Trefoil Factor 3, Intestinal (TFF3) ELISA Kit

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CATALOG #
AAA219755

REACTIVITY
Canine

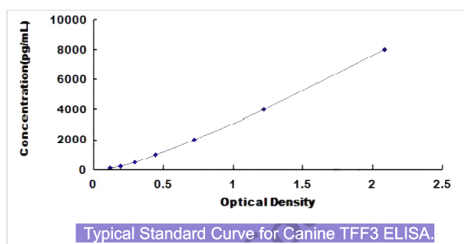
PRODUCT SYNONYMS

Trefoil Factor 3; Intestinal (TFF3); Canine Trefoil Factor 3; Intestinal (TFF3) ELISA Kit; HITF; ITF3; TFI; HP1.B; Intestinal (TFF3) elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Canine
Specificity	This assay has high sensitivity and excellent specificity for detection of TFF3. No significant cross-reactivity or interference between TFF3 and analogues was observed.
Assay Type	Quantitative Sandwich
Samples	Canine serum, plasma, tissue homogenates and other biological fluids
Detection Range	125-8000pg/mL
Sensitivity	< 49pg/mL
Intra-assay Precision	Intra-assay Precision (Precision within an assay): 3 samples with low, middle and high level TFF3 were tested 20 times on one plate, respectively. Intra-Assay: CV<10%
Inter-assay Precision	Inter-assay Precision (Precision between assays): 3 samples with low, middle and high level TFF3 were tested on 3 different plates, 8 replicates in each plate. CV(%) = SD/meanX100. Inter-Assay: CV<12%
Preparation and Storage	Shelf Life: 12 months

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for Trefoil Factor 3, Intestinal (TFF3) elisa kit

Principle of the Assay: The microtiter plate provided in this kit has been pre-coated with an antibody specific to TFF3. Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated antibody preparation specific to TFF3. Next, Avidin conjugated to Horseradish Peroxidase (HRP) is added to each microplate well and incubated. After TMB substrate solution is added, only those wells that contain TFF3, biotin-conjugated antibody and enzyme-conjugated Avidin will exhibit a change in color. The enzyme-substrate reaction is terminated by the addition of sulphuric acid solution and the color change is measured spectrophotometrically at a wavelength of 450nm ± 10nm. The concentration of TFF3 in the samples is then determined by comparing the O.D. of the samples to the standard curve.

Intended Uses: The kit is a sandwich enzyme immunoassay for the in vitro quantitative measurement of TFF3 in canine serum, plasma, tissue homogenates and other biological fluids.

Product Categories/Family for Trefoil
Factor 3, Intestinal (TFF3) elisa kit

Traditional ELISA Kit

NCBI AND UNIPROT INFORMATION

NCBI GeneID	418534
UniProt Accession #	E1BZ37

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://www.aaabiotech.com/canine-elisa-kits/trefoil-factor-3-intestinal-tff3/219755>