

Pig TFF3 (Trefoil Factor 3, Intestinal) ELISA Kit | TFF3 elisa kit

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CATALOG #
AAA277880

REACTIVITY
Pig

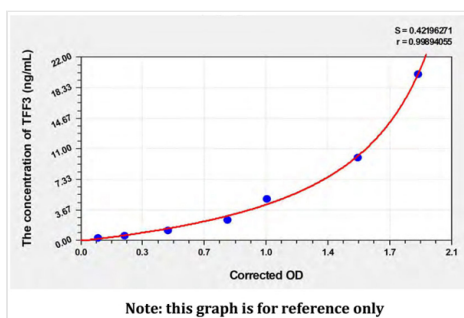
PRODUCT SYNONYMS

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

PRODUCT SPECIFICATIONS

Reactivity	Pig
Specificity	This assay has high sensitivity and excellent specificity for detection of Pig TFF3. No significant cross-reactivity or interference between Pig TFF3 and analogues was observed.
Assay Type	Sandwich
Detection Range	0.32-20 ng/mL
Sensitivity	0.13 ng/mL
Intra-assay Precision	Intra-assay Precision (Precision within an assay)? CV% < 8%. Three samples of known concentration were tested twenty times on 1 plate to assess intra-assay precision.
Inter-assay Precision	Inter-assay Precision (precision between assays)? CV% < 10%. Three samples of known concentration were tested in forty separate assays to assess inter-assay precision.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for TFF3 elisa kit

Principle of the Assay: The test principle applied in this kit is Sandwich enzyme immunoassay. The microtiter plate provided in this kit has been pre-coated with an antibody specific to Pig TFF3. Standards or samples are added to the appropriate microtiter plate wells then with a biotin-conjugated antibody specific to Pig 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 Pig 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 $\pm$ 10nm. The concentration of Pig TFF3 in the samples is then determined by comparing the OD of the samples to the standard curve.

NCBI AND UNIPROT INFORMATION

NCBI GI #	239977642
UniProt Accession #	Q29183
Molecular Weight	8,752 Da
NCBI Official Full Name	Trefoil factor 3
UniProt Protein Name	Trefoil factor 3
UniProt Gene Name	TFF3
UniProt Synonym Gene Names	ITF
UniProt Entry Name	TFF3_PIG

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/pig-elisa-kits/tff3-trefoil-factor-3-intestinal/277880>