

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

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CATALOG #
AAA67312

REACTIVITY
Rat

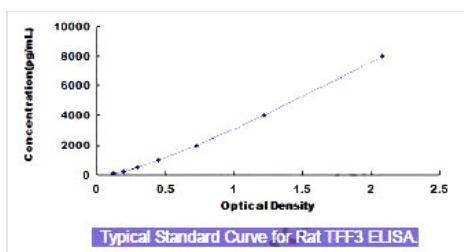
PRODUCT SYNONYMS

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

PRODUCT SPECIFICATIONS

Reactivity	Rat
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.
Sequence Length	81
Samples	Serum, plasma, tissue homogenates and other biological fluids.
Assay Type	Sandwich
Detection Range	125-8000pg/mL
Sensitivity	44.8pg/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	For unopened kit, all reagents should be kept according to the labels on vials. The TMB Substrate, Wash Buffer, Stop Solution should be stored at 4 degree C. All others should be stored at -20 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for TFF3 elisa kit	Intended Uses: This kit is a sandwich enzyme immunoassay for in vitro quantitative measurement of TFF3 in rat serum, plasma, tissue homogenates and other biological fluids. 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.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	386869333
NCBI GeneID	25563
NCBI Accession #	NP_037174.2
NCBI GenBank Nucleotide #	NM_013042.2
UniProt Accession #	Q03191; Q68FZ2
Molecular Weight	8,944 Da
NCBI Official Full Name	trefoil factor 3
NCBI Official Synonym Full Names	trefoil factor 3
NCBI Official Symbol	Tff3
NCBI Official Synonym Symbols	ITF
NCBI Protein Information	trefoil factor 3
UniProt Protein Name	Trefoil factor 3
UniProt Gene Name	Tff3
UniProt Synonym Gene Names	Itf; rITF; rP1.B

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.