

Human Transcription Termination Factor, RNA polymerase I (TTF1) ELISA Kit | TTF1 elisa kit

Human Transcription Termination Factor, RNA polymerase I (TTF1) ELISA Kit

CATALOG # AAA63719	REACTIVITY Human
------------------------------	----------------------------

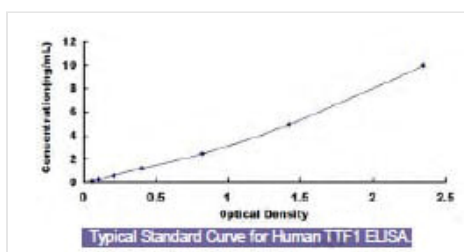
PRODUCT SYNONYMS

Transcription Termination Factor; RNA polymerase I (TTF1); Human Transcription Termination Factor; RNA polymerase I (TTF1) ELISA Kit; RNA polymerase I termination factor; TTF1 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of TTF1. No significant cross-reactivity or interference between TTF1 and analogues was observed.
Sequence Length	390
Samples	Tissue homogenates and other biological fluids.
Assay Type	Sandwich
Detection Range	0.156-10ng/mL
Sensitivity	0.055ng/mL
Intra-assay Precision	Intra-assay Precision (Precision within an assay): 3 samples with low, middle and high level TTF1 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 TTF1 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 TTF1 elisa kit	Intended Uses: The kit is a sandwich enzyme immunoassay for in vitro quantitative measurement of TTF1 in human 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 TTF1. Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated antibody preparation specific to TTF1. 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 TTF1, 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 TTF1 in the samples is then determined by comparing the O.D. of the samples to the standard curve.
--	--

NCBI AND UNIPROT INFORMATION

NCBI GI #	328927005
NCBI GeneID	7270
NCBI Accession #	NP_001192225.1
NCBI GenBank Nucleotide #	NM_001205296.1
UniProt Accession #	Q15361; Q4VXF3; Q58EY2; Q6P5T5; A1L160
Molecular Weight	103,051 Da
NCBI Official Full Name	transcription termination factor 1 isoform 2
NCBI Official Synonym Full Names	transcription termination factor 1
NCBI Official Symbol	TTF1
NCBI Official Synonym Symbols	TTF-1; TTF-I
NCBI Protein Information	transcription termination factor 1
UniProt Protein Name	Transcription termination factor 1
UniProt Gene Name	TTF1
UniProt Synonym Gene Names	TTF-1; TTF-I

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.