

Human Transcription Termination Factor 1 (TTF1) ELISA Kit | TTF1 elisa kit

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CATALOG #
AAA330343

REACTIVITY
Human

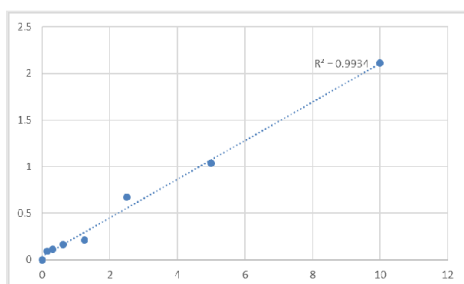
PRODUCT SYNONYMS

Transcription Termination Factor 1 (TTF1); Human Transcription Termination Factor 1 (TTF1) ELISA Kit; TTF1 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	Human Transcription termination factor 1 (TTF1) ELISA Kit has high sensitivity and excellent specificity for detection of Human TTF1. No significant cross-reactivity or interference between Human TTF1 and analogues was observed.
Sequence Length	390
Assay Type	Sandwich ELISA (Quantitative)
Samples	Cell Culture Supernatants, Serum, Plasma, Other Biological Fluids
Detection Method	Colorimetric
Usage Notes	* Do not mix components from different kit lots or use reagents beyond the kit expiration date. * Allow all reagents to warm to room temperature for at least 30 minutes before opening. * Pre-rinse the pipet tip with reagent, use fresh pipet tips for each sample, standard and reagent to avoid contamination. * Unused wells must be kept desiccated at 4 degree C in the sealed bag provided. * Mix Thoroughly is very important for the result. It is recommended using low frequency oscillator or slight hand shaking every 10 minutes. * It is recommended that all samples and standards be assayed in duplicate or triplicate.
Preparation and Storage	Store at 2-8 degree C.

IMAGES



Standard Curve (Sample)

Fig.1. Human Transcription termination factor 1 (TTF1) Standard Curve.

ADDITIONAL INFORMATION

Related Product Information for TTF1 elisa kit	Description: This Human Transcription termination factor 1 (TTF1) ELISA Kit employs a two-site sandwich ELISA to quantitate TTF1 in samples. An antibody specific for TTF1 has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any TTF1 present is bound by the immobilized antibody. After removing any unbound substances, a biotin-conjugated antibody specific for TTF1 is added to the wells. After washing, Streptavidin conjugated Horseradish Peroxidase (HRP) is added to the wells. Following a wash to remove any unbound avidin-enzyme reagent, a substrate solution is added to the wells and color develops in proportion to the amount of TTF1 bound in the initial step. The color development is stopped and the intensity of the color is measured. Background: TTF2 has been shown to have dsDNA-dependent ATPase activity and RNA polymerase II termination activity. This protein interacts with cell division cycle 5-like, associates with human splicing complexes, and plays a role in pre-mRNA splicing. The deduced 990-amino acid TTF2 protein shares 43% amino acid sequence identity with Drosophila factor 2. These proteins contain 7 motifs found in helicase superfamilies 1 and 2; 7 additional motifs shared only by SWI2/SNF2 family members; and 3 conserved motifs and a nuclear localization signal that are not conserved among the SWI2/SNF2 family. Similar to Drosophila factor 2, recombinant human TTF2 displayed a strong double-stranded DNA-dependent ATPase activity that was inhibited by single-stranded DNA and exhibited RNA polymerase II termination activity.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	328927005
NCBI GeneID	7270
NCBI Accession #	NP_001192225.1
NCBI GenBank Nucleotide #	NP_001192225.1
UniProt Accession #	Q15361
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.

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Online datasheet: <https://stage.aaabiotech.com/human-elisa-kits/transcription-termination-factor-1-ttf1/330343>