

Human TERF1 Interacting Nuclear Factor 2 (TINF2) ELISA Kit | TINF2 elisa kit

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CATALOG #
AAA67938

REACTIVITY
Human

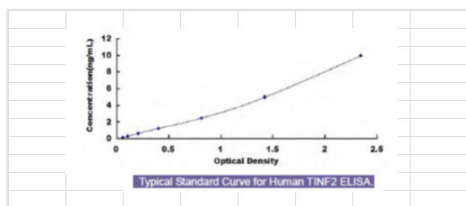
PRODUCT SYNONYMS

TERF1 Interacting Nuclear Factor 2 (TINF2); Human TERF1 Interacting Nuclear Factor 2 (TINF2) ELISA Kit; TIN2; TRF1-interacting nuclear protein 2; TINF2 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of TINF2. No significant cross-reactivity or interference between TINF2 and analogues was observed.
Sequence Length	137
Samples	Tissue homogenates and other biological fluids.
Assay Type	Sandwich
Detection Range	0.156-10ng/mL
Sensitivity	0.068ng/mL
Intra-assay Precision	Intra-assay Precision (Precision within an assay): 3 samples with low, middle and high level TINF2 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 TINF2 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 TINF2 elisa kit	Intended Uses: The kit is a sandwich enzyme immunoassay for in vitro quantitative measurement of TINF2 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 TINF2. Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated antibody preparation specific to TINF2. 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 TINF2, 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 TINF2 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 #	151101266
NCBI GeneID	26277
NCBI Accession #	NP_001092744.1
NCBI GenBank Nucleotide #	NM_001099274.1
UniProt Accession #	Q9BSI4; Q9H904; Q9UHC2; B3W5Q7
Molecular Weight	15,434 Da
NCBI Official Full Name	TERF1-interacting nuclear factor 2 isoform 1
NCBI Official Synonym Full Names	TERF1 interacting nuclear factor 2
NCBI Official Symbol	TINF2
NCBI Official Synonym Symbols	TIN2; DKCA3
NCBI Protein Information	TERF1-interacting nuclear factor 2
UniProt Protein Name	TERF1-interacting nuclear factor 2
UniProt Gene Name	TINF2
UniProt Synonym Gene Names	TIN2

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/terf1-interacting-nuclear-factor-2-tinf2/67938>