

Human Telomeric Repeat Binding Factor 2 Interacting Protein (TERF2IP) ELISA Kit | TERF2IP elisa kit

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CATALOG #

AAA66251

REACTIVITY

Human

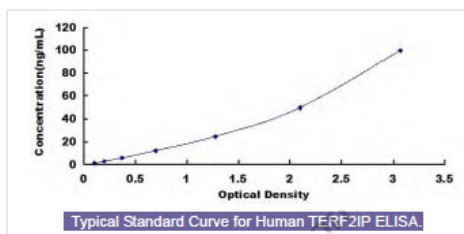
PRODUCT SYNONYMS

Telomeric Repeat Binding Factor 2 Interacting Protein (TERF2IP); Human Telomeric Repeat Binding Factor 2 Interacting Protein (TERF2IP) ELISA Kit; RAP1; DRIP5; Dopamine receptor-interacting protein 5; Repressor/activator protein 1 homolog; TERF2IP elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of TERF2IP. No significant cross-reactivity or interference between TERF2IP and analogues was observed.
Sequence Length	399
Samples	Tissue homogenates and other biological fluids.
Assay Type	Sandwich
Detection Range	1.56-100ng/mL
Sensitivity	0.66ng/mL
Intra-assay Precision	Intra-assay Precision (Precision within an assay): 3 samples with low, middle and high level TERF2IP 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 TERF2IP 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 TERF2IP elisa kit	Intended Uses: The kit is a sandwich enzyme immunoassay for in vitro quantitative measurement of TERF2IP 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 TERF2IP. Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated antibody preparation specific to TERF2IP. 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 TERF2IP, 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 TERF2IP 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 #	52627149
NCBI GeneID	54386
NCBI Accession #	NP_061848.2
NCBI GenBank Nucleotide #	NM_018975.3
UniProt Accession #	Q9NYB0; Q4W4Y2; Q8WYZ3; Q9NWR2; B4DQN4
Molecular Weight	44,260 Da
NCBI Official Full Name	telomeric repeat-binding factor 2-interacting protein 1
NCBI Official Synonym Full Names	TERF2 interacting protein
NCBI Official Symbol	TERF2IP
NCBI Official Synonym Symbols	RAP1; DRIP5
NCBI Protein Information	telomeric repeat-binding factor 2-interacting protein 1
UniProt Protein Name	Telomeric repeat-binding factor 2-interacting protein 1
UniProt Gene Name	TERF2IP
UniProt Synonym Gene Names	DRIP5; RAP1; TERF2-interacting telomeric protein 1; TRF2-interacting telomeric protein 1; RAP1 homolog; hRap1

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/telomeric-repeat-binding-factor-2-interacting-protein-terf2ip/66251>