

Human DNA topoisomerase 1 ELISA Kit | TOP1 elisa kit

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CATALOG #
AAA56953

REACTIVITY
Human

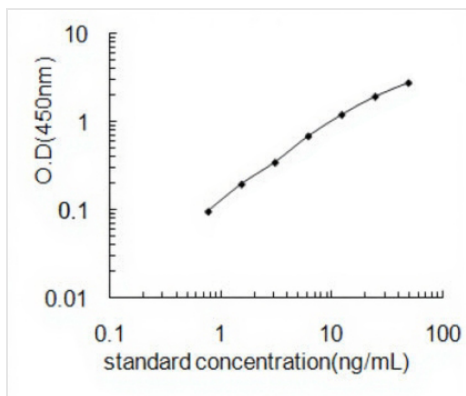
PRODUCT SYNONYMS

DNA topoisomerase 1; Human DNA topoisomerase 1 ELISA Kit; DNA topoisomerase I; TOP1; 5.99.1.2; TOP1 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	Recombinant and natural Human DNA topoisomerase 1
Sequence Length	765
Samples	Serum, plasma, tissue homogenates, cell culture supernates or other biological fluids
Detection Range	0.78-50 ng/mL
Sensitivity	< 0.37 ng/mL
Intra-assay Precision	<=4.5%
Inter-assay Precision	<=7.4%
Preparation and Storage	For long term storage, please store the entire kit at -20 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for TOP1 elisa kit	Intended Uses: This immunoassay kit allows for the in vitro quantitative determination of target antigen concentrations in serum, plasma, tissue homogenates, cell culture supernates or other biological fluids. Principle of the Assay: The microtiter plate provided in this kit has been pre-coated with an antibody specific to target antigen. Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated antibody preparation specific for target antigen and then avidin conjugated to Horseradish Peroxidase (HRP) is added to each microplate well and incubated. Then a TMB substrate solution is added to each well. Only those wells that contain target antigen, biotin-conjugated antibody and enzyme-conjugated Avidin will exhibit a change in color. The enzyme-substrate reaction is terminated by the addition of a sulphuric acid solution and the color change is measured spectrophotometrically at a wavelength of 450 nm +/- 2 nm. The concentration of target antigen 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 #	11225260
NCBI GeneID	7150
NCBI Accession #	NP_003277.1
NCBI GenBank Nucleotide #	NM_003286.2
UniProt Accession #	P11387; O43256; Q12855; Q12856; Q15610; Q5TFY3; Q9UJN0; A8KA78; E1P5W3
Molecular Weight	90,726 Da
NCBI Official Full Name	DNA topoisomerase 1
NCBI Official Synonym Full Names	topoisomerase (DNA) I
NCBI Official Symbol	TOP1
NCBI Official Synonym Symbols	TOPI
NCBI Protein Information	DNA topoisomerase 1
UniProt Protein Name	DNA topoisomerase 1
UniProt Gene Name	TOP1
UniProt Entry Name	TOP1_HUMAN

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/top1-human-elisa-kits/dna-topoisomerase-1/56953>