Chicken DNA topoisomerase 2-beta ELISA Kit | TOP2B elisa kit

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CATALOG #	REACTIVITY
AAA56270	**Chicken**

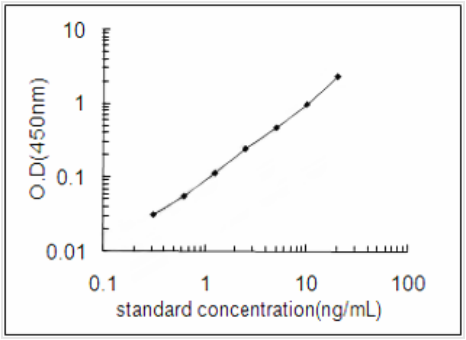
PRODUCT SYNONYMS

DNA topoisomerase 2-beta; Chicken DNA topoisomerase 2-beta ELISA Kit; TOP2B elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Chicken
Specificity	This assay recognizes recombinant and natural chicken DNA topoisomerase 2-beta. No significant cross-reactivity or interference was observed.
Sequence Length	1621
Samples	Serum, Plasma, tissue homogenates and Cell culture supernates and Other biological fluids.
Detection Range	0.31 ng/ml -20.0 ng/ml.
Intended Uses	This immunoassay kit allows for the in vitro quantitative determination of chicken DNA topoisomerase 2-beta concentrations in serum, Plasma, tissue homogenates and Cell culture supernates and Other biological fluids.
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 TOP2B elisa kit	Principle of the Assay: The microtiter plate provided in this kit has been pre-coated with an antibody specific to DNA topoisomerase 2-beta. Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated polyclonal antibody preparation specific for DNA topoisomerase 2-beta and 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 DNA topoisomerase 2-beta, 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 DNA topoisomerase 2-beta in the samples is then determined by comparing the O.D. of the samples to the standard curve.

NCBI AND UNIPROT INFORMATION

NCBI GI #	45384180
NCBI GeneID	395966
NCBI Accession #	NP_990413.1
NCBI GenBank Nucleotide #	NM_205082.1
UniProt Accession #	O42131
Molecular Weight	183,246 Da
NCBI Official Full Name	DNA topoisomerase 2-beta
NCBI Official Synonym Full Names	topoisomerase (DNA) II beta 180kDa
NCBI Official Symbol	TOP2B
NCBI Protein Information	DNA topoisomerase 2-beta
UniProt Protein Name	DNA topoisomerase 2-beta
UniProt Gene Name	**TOP2B**
UniProt Entry Name	TOP2B_CHICK

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/top2b-chicken-elisa-kits/dna-topoisomerase-2-beta/56270