

General TXA2 ELISA Kit | TXA2 elisa kit

TXA2 (Thromboxane A2) ELISA Kit

CATALOG #
AAA21976

REACTIVITY
General

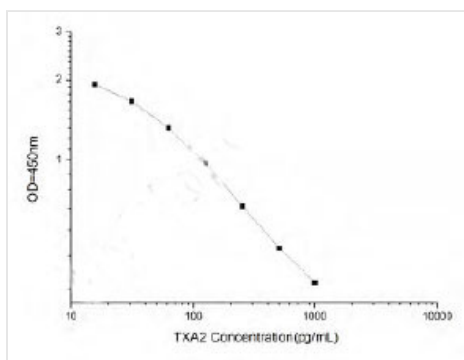
PRODUCT SYNONYMS

TXA2; TXA2 (Thromboxane A2) ELISA Kit; TXA2 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	General
Specificity	This kit recognizes TXA2 in samples. No significant cross-reactivity or interference between TXA2 and analogues was observed.
Sequence Length	407
Assay Type	Quantitative Competitive
Samples	Serum, plasma and other biological fluids
Detection Range	15.63-1000pg/mL
Sensitivity	9.38pg/mL
Intra-assay Precision	Intra-assay Precision (Precision within an assay): 3 samples with low, mid range and high level TXA2 were tested 20 times on one plate, respectively.
Inter-assay Precision	Inter-assay Precision (Precision between assays): 3 samples with low, mid range and high level TXA2 were tested on 3 different plates, 20 replicates in each plate.
Preparation and Storage	Store at 4 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for TXA2 elisa kit	Principle of the Assay: This ELISA kit uses the Competitive-ELISA principle. The micro ELISA plate provided in this kit has been pre-coated with TXA2. During the reaction, TXA2 in the sample or standard competes with a fixed amount of TXA2 on the solid phase supporter for sites on the Biotinylated Detection Ab specific to TXA2. Excess conjugate and unbound sample or standard are washed from the plate, and Avidin conjugated to Horseradish Peroxidase (HRP) are added to each microplate well and incubated. Then a TMB substrate solution is added to each well. The enzyme-substrate reaction is terminated by the addition of stop solution and the color change is measured spectrophotometrically at a wavelength of 450 nm ± 2 nm. The concentration of TXA2 in the samples is then determined by comparing the OD of the samples to the standard curve. Intended Uses: This ELISA kit applies to the in vitro quantitative determination of TXA2 concentrations in serum, plasma and other biological fluids.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	260593681
NCBI GeneID	6915
NCBI Accession #	NP_963998.2
NCBI GenBank Nucleotide #	NM_201636.2
Molecular Weight	44,205 Da
NCBI Official Full Name	thromboxane A2 receptor isoform beta
NCBI Official Synonym Full Names	thromboxane A2 receptor
NCBI Official Symbol	TBXA2R
NCBI Official Synonym Symbols	TXA2-R; BDPLT13
NCBI Protein Information	thromboxane A2 receptor; prostanoid TP receptor
UniProt Protein Name	Thromboxane A2 receptor
UniProt Gene Name	TBXA2R
UniProt Synonym Gene Names	TXA2-R
UniProt Entry Name	TA2R_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/general-elisa-kits/txa2/21976>