

Human Thromboxane Receptor (TP) ELISA Kit | TP elisa kit

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CATALOG #
AAA67974

REACTIVITY
Human

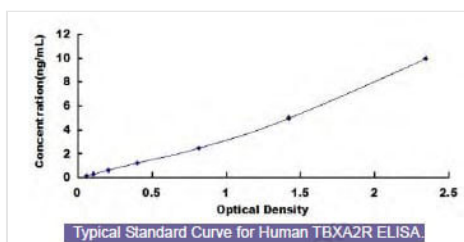
PRODUCT SYNONYMS

Thromboxane Receptor (TP); Human Thromboxane Receptor (TP) ELISA Kit; TBXA2R; TXA2-R; Thromboxane A2 Receptor; Prostanoid TP receptor; TP elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of TBXA2R. No significant cross-reactivity or interference between TBXA2R and analogues was observed.
Sequence Length	407
Samples	Tissue homogenates and other biological fluids.
Assay Type	Sandwich
Detection Range	0.156-10ng/mL
Sensitivity	0.055ng/mL
Intra-assay Precision	Intra-assay Precision (Precision within an assay): 3 samples with low, middle and high level TBXA2R 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 TBXA2R 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 TP elisa kit	Intended Uses: The kit is a sandwich enzyme immunoassay for in vitro quantitative measurement of TBXA2R 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 TBXA2R. Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated antibody preparation specific to TBXA2R. 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 TBXA2R, 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 TBXA2R 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 #	4507381
NCBI GeneID	6915
NCBI Accession #	NP_001051.1
NCBI GenBank Nucleotide #	NM_001060.5
UniProt Accession #	P21731; O75228; Q6DK52; Q9UCY1; Q9UCY2
Molecular Weight	44,205 Da
NCBI Official Full Name	thromboxane A2 receptor isoform alpha
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
UniProt Protein Name	Thromboxane A2 receptor
UniProt Gene Name	TBXA2R
UniProt Synonym Gene Names	TXA2-R

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/thromboxane-receptor-tp/67974>