

Human Thromboxane-A synthase ELISA Kit | TBXAS1 elisa kit

Human Thromboxane-A synthase ELISA Kit

CATALOG #
AAA98262

REACTIVITY
Human

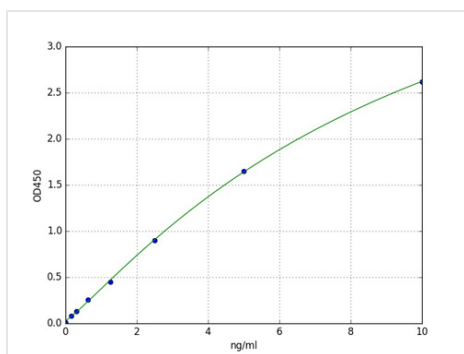
PRODUCT SYNONYMS

Thromboxane-A synthase; Human Thromboxane-A synthase ELISA Kit; TBXAS1 (Thromboxane-A synthase)/CYP5/CYP5A1/TXA synthase/TXAS/Cytochrome P450 5A1/TS/TXS/THAS/CYP5A1/GHOSAL/BDPLT14; TBXAS1 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Sequence Length	533
Assay Type	Sandwich ELISA, Double Antibody
Samples	Serum, Plasma, Cell Culture Supernatant, cell or tissue lysate, Other liquid samples
Detection Range	0.156-10ng/ml
Sensitivity	0.094ng/ml
Preparation and Storage	Store entire kit at 2-8C for short-term. For longer-term, please store the microplate & standard at -20C, while the remaining reagents can be stored at 2-8C

IMAGES



Standard Curve (Sample)

Typical Data & Standard Curve

Results of a typical standard run of a Human TBXAS1 ELISA Kit are shown below. This standard curve was generated at our lab for demonstration purpose only. Each user should obtain their own standard curve as per experiment. (N/A=not applicable)

X	ng/ml	0	0.156	0.313	0.625	1.25	2.5	5	10
Y	OD450	0.111	0.172	0.244	0.279	0.528	0.857	1.632	2.176

Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for TBXAS1 elisa kit

Principle of the Assay||This kit was based on sandwich enzyme-linked immune-sorbent assay technology. Anti-Human TBXAS1 antibody was pre-coated onto 96-well plates. And the biotin conjugated anti-Human TBXAS1 antibody was used as detection antibodies. The standards, test samples and biotin conjugated detection antibody were added to the wells subsequently, and wash with wash buffer. HRP-Streptavidin was added and unbound conjugates were washed away with wash buffer. TMB substrates were used to visualize HRP enzymatic reaction. TMB was catalyzed by HRP to produce a blue color product that changed into yellow after adding acidic stop solution. The density of yellow is proportional to the Human TBXAS1 amount of sample captured in plate. Read the O.D. absorbance at 450nm in a microplate reader, and then the concentration of Human TBXAS1 can be calculated.

NCBI AND UNIPROT INFORMATION

NCBI GI #	79750133
NCBI GeneID	21391
NCBI Accession #	NP_035669.3
NCBI GenBank Nucleotide #	NM_011539.3
Molecular Weight	60,391 Da
NCBI Official Full Name	thromboxane-A synthase
NCBI Official Synonym Full Names	thromboxane A synthase 1, platelet
NCBI Official Symbol	Tbxas1
NCBI Official Synonym Symbols	TS; TXS; CYP5; THAS; TXAS; CYP5A1
NCBI Protein Information	thromboxane-A synthase
UniProt Protein Name	Thromboxane-A synthase
UniProt Gene Name	Tbxas1
UniProt Synonym Gene Names	Cyp5; Cyp5a1; TS; TXA synthase; TXS
UniProt Entry Name	THAS_MOUSE

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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/tbxas1-human-elisa-kits/thromboxane-a-synthase/98262>