

Rat Thromboxane-A synthase ELISA Kit | Tbxas1 elisa kit

Rat Thromboxane-A synthase ELISA Kit

CATALOG #
AAA56425

REACTIVITY
Rat

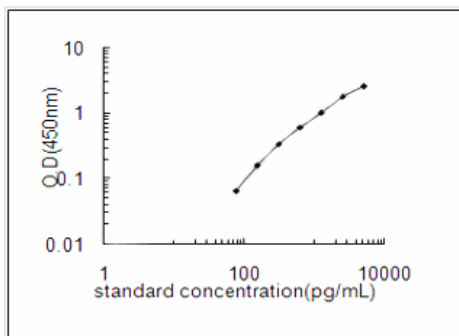
PRODUCT SYNONYMS

Thromboxane-A synthase; Rat Thromboxane-A synthase ELISA Kit; Tbxas1 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Rat
Specificity	This assay recognizes recombinant and natural rat TXA synthase. No significant cross-reactivity or interference was observed.
Sequence Length	533
Assay Type	Sandwich
Detection Range	78-5000 pg/ml
Sensitivity	41.6 pg/mL
Intra-Assay CV	<=5.4%
Inter-Assay CV	<=7.1%
Recovery	90%
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 Tbxas1 elisa kit

Principle of the Assay: The microtiter plate provided in this kit has been pre-coated with an antibody specific to TXA synthase. Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated polyclonal antibody preparation specific for TXA synthase 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 TXA synthase, 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 $\pm$ 2 nm. The concentration of TXA synthase in the samples is then determined by comparing the O.D. of the samples to the standard curve.

NCBI AND UNIPROT INFORMATION

NCBI GI #	6981634
NCBI GeneID	24886
NCBI Accession #	NP_036819.1
NCBI GenBank Nucleotide #	NM_012687.1
UniProt Accession #	P49430
Molecular Weight	59,974 Da
NCBI Official Full Name	thromboxane-A synthase
NCBI Official Synonym Full Names	thromboxane A synthase 1
NCBI Official Symbol	Tbxas1
NCBI Protein Information	thromboxane-A synthase
UniProt Protein Name	Thromboxane-A synthase
UniProt Gene Name	Tbxas1
UniProt Synonym Gene Names	Cyp5; Cyp5a1; TXA synthase; TXS
UniProt Entry Name	THAS_RAT

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/tbxas1-rat-elisa-kits/thromboxane-a-synthase/56425>