

Porcine Thromboxane A2 (TXA2) ELISA Kit | TXA2 elisa kit

Pig Thromboxane A2 (TXA2) ELISA Kit

CATALOG #
AAA56035

REACTIVITY
Porcine

PRODUCT SYNONYMS

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

PRODUCT SPECIFICATIONS

Reactivity	Porcine
Specificity	This assay has high sensitivity and excellent specificity for detection of Pig TXA2. No significant cross-reactivity or interference between Pig TXA2 and analogues was observed.
Sequence Length	407
Assay Type	Quantitative Sandwich
Samples	Serum, plasma and other biological fluids
Detection Range	15.6 pg/mL - 1000 pg/mL
Sensitivity	7.8 pg/mL (mean of 6 independent assays)
Intra-assay Precision	Intra-assay Precision (Precision within an assay) Three samples of known concentration were tested twenty times on one plate to assess intra-assay precision. Intra-Assay: CV<8%
Inter-assay Precision	Inter-assay Precision (Precision between assays) Three samples of known concentration were tested in forty separate assays to assess inter-assay precision. CV(%) = SD/meanX100. Inter-Assay: CV<12%
Preparation and Storage	Store at 2-8 degree C.

ADDITIONAL INFORMATION

Related Product Information for TXA2 elisa kit

Principle of the Assay: This assay employs a two-site sandwich ELISA to quantitate TXA2 in Pig serum, plasma. An antibody specific for TXA2 has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any TXA2 present is bound by the immobilized antibody. After removing any unbound substances, a biotin-conjugated antibody specific for TXA2 is added to the wells. After washing, Streptavidin conjugated Horseradish Peroxidase (HRP) is added to the wells. Following a wash to remove any unbound avidin-enzyme reagent, a substrate solution is added to the wells and color develops in proportion to the amount of TXA2 bound in the initial step. The color development is stopped and the intensity of the color is measured.

Intended Uses: For the quantitative detection of Pig Thromboxane A2 (TXA2) concentration in serum, plasma and other biological fluids.

NCBI AND UNIPROT INFORMATION

NCBI GI #	260593681
NCBI GeneID	6915
NCBI Accession #	NP_963998.2
NCBI GenBank Nucleotide #	NM_201636.2
UniProt Accession #	P21731; O75228; Q6DK52; Q9UCY1; Q9UCY2

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
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://www.aaabiotech.com/porcine-elisa-kits/thromboxane-a2-txa2/56035>