

Sheep TXB2 ELISA Kit | TXB2 elisa kit

Sheep TXB2 (Thromboxane B2) ELISA Kit

CATALOG #
AAA163453

REACTIVITY
Sheep

PRODUCT SYNONYMS

TXB2; Sheep TXB2 (Thromboxane B2) ELISA Kit; TXB2 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Sheep
Specificity	This kit recognizes Sheep TXB2 in samples. No significant cross-reactivity or interference between Sheep TXB2 and analogues was observed.
Sequence Length	364
Assay Type	Quantitative Competitive
Samples	Serum, plasma and other biological fluids
Detection Range	39.063-2500pg/mL
Sensitivity	23.438pg/mL
Intra-assay Precision	Intra-assay Precision (Precision within an assay): 3 samples with low, mid range and high level Sheep TXB2 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 Sheep TXB2 were tested on 3 different plates, 20 replicates in each plate.
Preparation and Storage	Store at 4 degree C.

ADDITIONAL INFORMATION

Related Product Information for TXB2 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 Sheep TXB2. During the reaction, Sheep TXB2 in the sample or standard competes with a fixed amount of Sheep TXB2 on the solid phase supporter for sites on the Biotinylated Detection Ab specific to Sheep TXB2. 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 $\pm$ 2 nm. The concentration of Sheep TXB2 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 Sheep TXB2 concentrations in serum, plasma and other biological fluids.

NCBI AND UNIPROT INFORMATION

NCBI GI #	157820193
NCBI GeneID	303398
NCBI Accession #	NP_001100503.1
NCBI GenBank Nucleotide #	NM_001107033.1

NCBI Official Full Name	T-box transcription factor TBX2
NCBI Official Synonym Full Names	T-box 2
NCBI Official Symbol	Tbx2
NCBI Protein Information	T-box transcription factor TBX2

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://www.aaabiotech.com/sheep-elisa-kits/txb2/163453>