

Canine Thromboxanes B2 ELISA Kit | TXB2 elisa kit

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CATALOG #
AAA88847

REACTIVITY
Canine

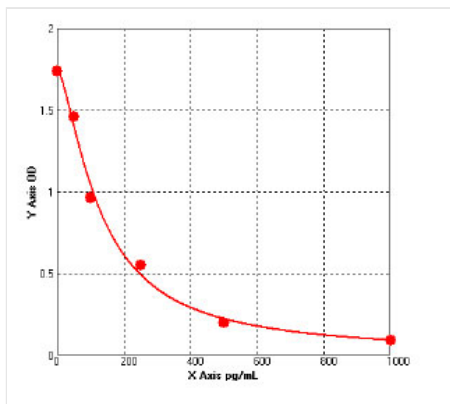
PRODUCT SYNONYMS

Thromboxanes B2; Canine Thromboxanes B2 ELISA Kit; TXB2 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Canine
Specificity	This assay has high sensitivity and excellent specificity for detection of TXB2. No significant cross-reactivity or interference between TXB2 and analogues was observed. NOTE: Limited by current skills and knowledge, it is impossible for us to complete the cross-reactivity detection between TXB2 and all the analogues, therefore, cross reaction may still exist in some cases.
Assay Type	Quantitative Competitive
Samples	Serum, plasma, cell culture supernatants, body fluid and tissue homogenate
Sensitivity	1.0 pg/mL
Preparation and Storage	Store all reagents at 2-8 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for TXB2 elisa kit	Principle of the Assay: TXB2 ELISA kit applies the competitive enzyme immunoassay technique utilizing a polyclonal anti-TXB2 antibody and an TXB2-HRP conjugate. The assay sample and buffer are incubated together with TXB2-HRP conjugate in pre-coated plate for one hour. After the incubation period, the wells are decanted and washed five times. The wells are then incubated with a substrate for HRP enzyme. The product of the enzyme-substrate reaction forms a blue colored complex. Finally, a stop solution is added to stop the reaction, which will then turn the solution yellow. The intensity of color is measured spectrophotometrically at 450nm in a microplate reader. The intensity of the color is inversely proportional to the TXB2 concentration since TXB2 from samples and TXB2-HRP conjugate compete for the anti-TXB2 antibody binding site. Since the number of sites is limited, as more sites are occupied by TXB2 from the sample, fewer sites are left to bind TXB2-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The TXB2 concentration in each sample is interpolated from this standard curve. Intended Uses: This TXB2 ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Canine TXB2. This ELISA kit for research use only, not for therapeutic or test applications!
Product Categories/Family for TXB2 elisa kit	Signal Transduction

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.

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Online datasheet: <https://stage.aaabiotech.com/txb2-canine-elisa-kits/thromboxanes-b2/88847>