

Monkey Thromboxane A2 ELISA Kit | TX-A2 elisa kit

Monkey Thromboxane A2 ELISA Kit

CATALOG #
AAA92295

REACTIVITY
Monkey

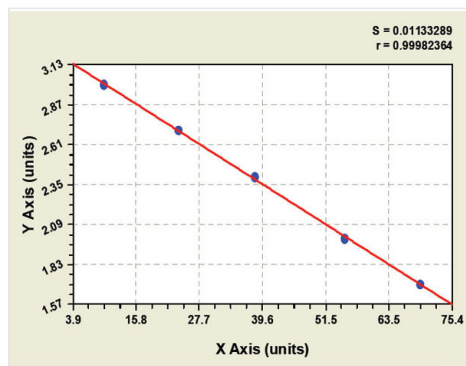
PRODUCT SYNONYMS

Thromboxane A2; Monkey Thromboxane A2 ELISA Kit; TX-A2 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Monkey
Samples	Serum, plasma, Cell Culture Supernatants, body fluid and tissue homogenate
Assay Type	Sandwich
Detection Range	50-1000pg/mL
Sensitivity	1.0pg/mL
Intended Uses	This TX-A2 ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Monkey TX-A2. This ELISA kit for research use only, not for therapeutic applications!
Preparation and Storage	Store all reagents at 2-8 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for TX-A2 elisa kit

Principle of the Assay: TX-A2 ELISA kit applies the competitive enzyme immunoassay technique utilizing a monoclonal anti-TX-A2 antibody and an TX-A2-HRP conjugate. The assay sample and buffer are incubated together with TX-A2-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 TX-A2 concentration since TX-A2 from samples and TX-A2-HRP conjugate compete for the anti-TX-A2 antibody binding site. Since the number of sites is limited, as more sites are occupied by TX-A2 from the sample, fewer sites are left to bind TX-A2-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The TX-A2 concentration in each sample is interpolated from this standard curve.

NCBI AND UNIPROT INFORMATION

NCBI GI #	260593681
NCBI GeneID	6915
NCBI Accession #	NP_963998.2
NCBI GenBank Nucleotide #	NM_201636.2
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; prostanoid TP receptor
UniProt Protein Name	Thromboxane A2 receptor
UniProt Gene Name	TBXA2R
UniProt Synonym Gene Names	TXA2-R
UniProt Entry Name	TA2R_HUMAN

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.