

## Rat Thromboxanes B2 ELISA Kit | TXB2 elisa kit

Rat Thromboxanes B2 ELISA Kit

CATALOG #  
**AAA84780**

REACTIVITY  
**Rat**

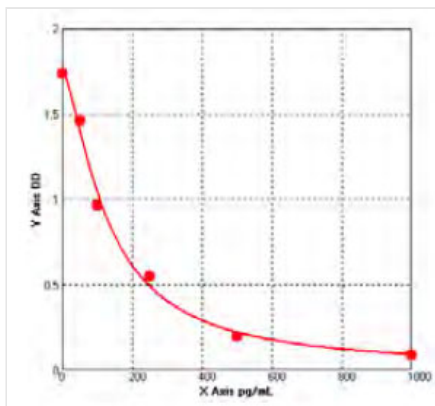
### PRODUCT SYNONYMS

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

### PRODUCT SPECIFICATIONS

|                         |                                                                                                                                                                                                                                                                                                                                                                                          |
|-------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Reactivity              | Rat                                                                                                                                                                                                                                                                                                                                                                                      |
| 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. |
| Samples                 | Serum, plasma, cell culture supernatants, body fluid and tissue homogenate                                                                                                                                                                                                                                                                                                               |
| Assay Type              | Quantitative Competitive                                                                                                                                                                                                                                                                                                                                                                 |
| 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 | <p>Intended Uses: This TXB2 ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Rat TXB2. This ELISA kit for research use only, not for therapeutic or test applications!</p> <p>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.</p> |
| 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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