

## Monkey X-Box Binding Protein 1 ELISA Kit | XBP1 elisa kit

Monkey X-Box Binding Protein 1 ELISA Kit

CATALOG #  
**AAA94765**

REACTIVITY  
**Monkey**

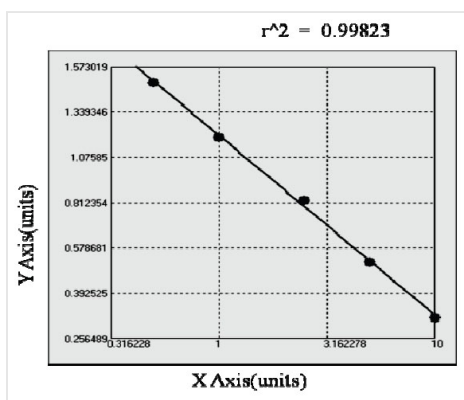
### PRODUCT SYNONYMS

X-Box Binding Protein 1; Monkey X-Box Binding Protein 1 ELISA Kit; XBP1 elisa kit

### PRODUCT SPECIFICATIONS

|                         |                                                                            |
|-------------------------|----------------------------------------------------------------------------|
| Reactivity              | Monkey                                                                     |
| Samples                 | Serum, plasma, Cell Culture Supernatants, body fluid and tissue homogenate |
| Assay Type              | Competitive                                                                |
| Sensitivity             | 0.1 ng/mL.                                                                 |
| Preparation and Storage | Store all reagents at 2-8 degree C.                                        |

### IMAGES



Standard Curve (Sample)

### ADDITIONAL INFORMATION

#### Related Product Information for XBP1 elisa kit

**Intended Uses:** This XBP1/TREB5 ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Monkey XBP1/TREB5. This ELISA kit for research use only!

**Principle of the Assay:** XBP1/TREB5 ELISA kit applies the competitive enzyme immunoassay technique utilizing a monoclonal anti-XBP1/TREB5 antibody and an XBP1/TREB5-HRP conjugate. The assay sample and buffer are incubated together with XBP1/TREB5-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 XBP1/TREB5 concentration since XBP1/TREB5 from samples and XBP1/TREB5-HRP conjugate compete for the anti-XBP1/TREB5 antibody binding site. Since the number of sites is limited, as more sites are occupied by XBP1/TREB5 from the sample, fewer sites are left to bind XBP1/TREB5-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The XBP1/TREB5 concentration in each sample is interpolated from this standard curve.

## NCBI AND UNIPROT INFORMATION

|                                  |                         |
|----------------------------------|-------------------------|
| NCBI GI #                        | 312222696               |
| NCBI GeneID                      | 416918                  |
| NCBI Accession #                 | NP_001006192.2          |
| NCBI GenBank Nucleotide #        | NM_001006192.2          |
| NCBI Official Full Name          | X-box binding protein 1 |
| NCBI Official Synonym Full Names | X-box binding protein 1 |
| NCBI Official Symbol             | XBP1                    |
| NCBI Protein Information         | X-box binding protein 1 |

**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/xbp1-monkey-elisa-kits/x-box-binding-protein-1/94765>