

Goat Thioredoxin Binding Protein 2 ELISA Kit | TBP2 elisa kit

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CATALOG #
AAA92256

REACTIVITY
Goat

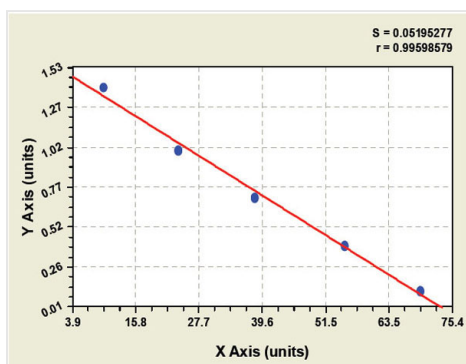
PRODUCT SYNONYMS

Thioredoxin Binding Protein 2; Goat Thioredoxin Binding Protein 2 ELISA Kit; TBP2 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Goat
Samples	Serum, plasma, Cell Culture Supernatants, body fluid and tissue homogenate
Assay Type	Competitive
Sensitivity	0.1 ng/mL.
Intended Uses	This TBP2 ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Goat TBP2. 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 TBP2 elisa kit

Principle of the Assay: TBP2 ELISA kit applies the competitive enzyme immunoassay technique utilizing a monoclonal anti-TBP2 antibody and an TBP2-HRP conjugate. The assay sample and buffer are incubated together with TBP2-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 TBP2 concentration since TBP2 from samples and TBP2-HRP conjugate compete for the anti-TBP2 antibody binding site. Since the number of sites is limited, as more sites are occupied by TBP2 from the sample, fewer sites are left to bind TBP2-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The TBP2 concentration in each sample is interpolated from this standard curve.

Product Categories/Family for TBP2 elisa kit

Metabolism

NCBI AND UNIPROT INFORMATION

NCBI GI #	30695955
NCBI GeneID	841999
NCBI Accession #	NP_849812.1
NCBI GenBank Nucleotide #	NM_179481.2
NCBI Official Full Name	TATA-box-binding protein 2
NCBI Official Symbol	TBP2
NCBI Official Synonym Symbols	A. THALIANA TATA BINDING PROTEIN 2; ATTP2; T5A14.8; T5A14_8; TATA binding protein 2; TBP2
NCBI Protein Information	TATA-box-binding protein 2

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://stage.aaabiotech.com/tbp2-goat-elisa-kits/thioredoxin-binding-protein-2/92256>