

Human Thioredoxin Binding Protein 2 ELISA Kit | TBP2 elisa kit

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CATALOG #
AAA82745

REACTIVITY
Human

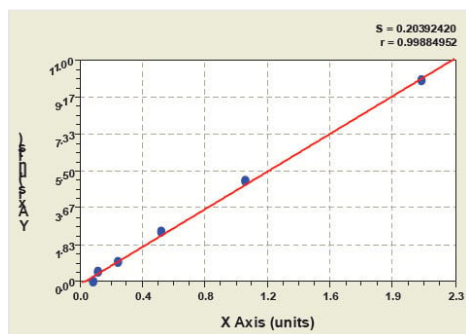
PRODUCT SYNONYMS

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

PRODUCT SPECIFICATIONS

Reactivity	Human
Samples	Serum, plasma, Cell Culture Supernatants, body fluid and tissue homogenate
Assay Type	Competitive or Sandwich
Detection Range	0.5-10ng/mL
Sensitivity	0.1ng/mL
Intended Uses	This TDGF1 ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Human TDGF1. 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: TDGF1 ELISA kit applies the quantitative sandwich enzyme immunoassay technique. The microtiter plate has been pre-coated with a monoclonal antibody specific for IL-1. Standards or samples are then added to the microtiter plate wells and TDGF1 if present, will bind to the antibody pre-coated wells. In order to quantitatively determine the amount of TDGF1 present in the sample, a standardized preparation of horseradish peroxidase (HRP) -conjugated polyclonal antibody, specific for TDGF1 are added to each well to "sandwich" the TDGF1 immobilized on the plate. The microtiter plate undergoes incubation, and then the wells are thoroughly washed to remove all unbound components. Next, substrate solutions are added to each well. The enzyme (HRP) and substrate are allowed to react over a short incubation period. Only those wells that contain TDGF1 and enzyme-conjugated antibody will exhibit a change in color. The enzyme-substrate reaction is terminated by addition of a sulphuric acid solution and the color change is measured spectrophotometrically at a wavelength of 450 nm. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The TDGF1 concentration in each sample is interpolated from this standard curve.

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.

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Online datasheet: <https://www.aaabiotech.com/tbp2-human-elisa-kits/thioredoxin-binding-protein-2/82745>