

Canine Thioredoxin Binding Protein 2 ELISA Kit | TBP2 elisa kit

Canine Thioredoxin Binding Protein 2 ELISA Kit

CATALOG #
AAA93527

REACTIVITY
Canine

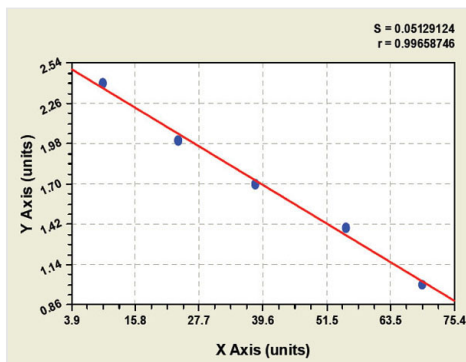
PRODUCT SYNONYMS

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

PRODUCT SPECIFICATIONS

Reactivity	Canine
Samples	Serum, plasma, Cell Culture Supernatants, body fluid and tissue homogenate
Assay Type	Sandwich
Detection Range	0.5-10ng/mL
Sensitivity	0.1ng/mL
Preparation and Storage	Store all reagents at 2-8 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for TBP2 elisa kit

Intended Uses: This TBP2 ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Canine TBP2. This ELISA kit for research use only!

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.

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-canine-elisa-kits/thioredoxin-binding-protein-2/93527>