

Human TBP ELISA Kit | TBP elisa kit

Human TBP (TATA Binding Protein) ELISA Kit

CATALOG #
AAA21552

REACTIVITY
Human

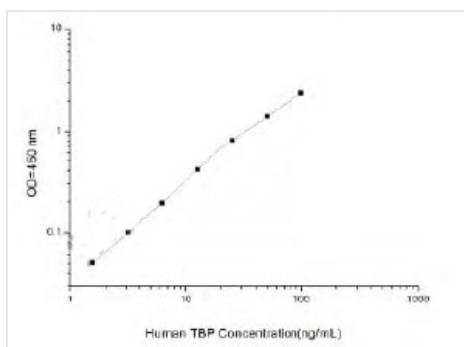
PRODUCT SYNONYMS

TBP; Human TBP (TATA Binding Protein) ELISA Kit; TBP elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This kit recognizes Human TBP in samples. No significant cross-reactivity or interference between Human TBP and analogues was observed.
Sequence Length	339
Assay Type	Quantitative Sandwich
Samples	Serum, plasma and other biological fluids
Detection Range	1.56-100ng/mL
Sensitivity	0.94ng/mL
Intra-assay Precision	Intra-assay Precision (Precision within an assay): 3 samples with low, mid range and high level Human TBP were tested 20 times on one plate, respectively.
Inter-assay Precision	Inter-assay Precision (Precision between assays): 3 samples with low, mid range and high level Human TBP were tested on 3 different plates, 20 replicates in each plate.
Preparation and Storage	Store at 4 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for TBP elisa kit	Principle of the Assay: This ELISA kit uses the Sandwich-ELISA principle. The micro ELISA plate provided in this kit has been pre-coated with an antibody specific to Human TBP. Standards or samples are added to the micro ELISA plate wells and combined with the specific antibody. Then a biotinylated detection antibody specific for Human TBP and Avidin-Horseradish Peroxidase (HRP) conjugate are added successively to each micro plate well and incubated. Free components are washed away. The substrate solution is added to each well. Only those wells that contain Human TBP, biotinylated detection antibody and Avidin-HRP conjugate will appear blue in color. The enzyme-substrate reaction is terminated by the addition of stop solution and the color turns yellow. The optical density (OD) is measured spectrophotometrically at a wavelength of 450 nm ± 2 nm. The OD value is proportional to the concentration of Human TBP. You can calculate the concentration of Human TBP in the samples by comparing the OD of the samples to the standard curve. Intended Uses: This ELISA kit applies to the in vitro quantitative determination of Human TBP concentrations in serum, plasma and other biological fluids.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	48145669
NCBI GeneID	6908
UniProt Accession #	P20226; Q16845; Q6IBM6; Q9UC02; B4E3B3; F5H869
Molecular Weight	35,657 Da
NCBI Official Full Name	TBP
NCBI Official Synonym Full Names	TATA box binding protein
NCBI Official Symbol	TBP
NCBI Official Synonym Symbols	HDL4; GTF2D; SCA17; TFIID; GTF2D1
NCBI Protein Information	TATA-box-binding protein; TATA sequence-binding protein; TATA-box binding protein N-terminal domain; TATA-box factor; transcription initiation factor TFIID TBP subunit
UniProt Protein Name	TATA-box-binding protein
UniProt Gene Name	TBP
UniProt Synonym Gene Names	GTF2D1; TF2D; TFIID
UniProt Entry Name	TBP_HUMAN

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.