

Human TATA Box Binding Protein Associated Factor 13 (TAF13) ELISA Kit | TAF13 elisa kit

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CATALOG #
AAA66207

REACTIVITY
Human

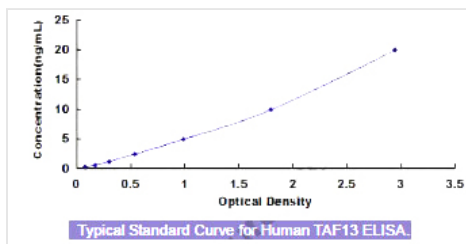
PRODUCT SYNONYMS

TATA Box Binding Protein Associated Factor 13 (TAF13); Human TATA Box Binding Protein Associated Factor 13 (TAF13) ELISA Kit; TAF2K; TAFII18; Transcription Initiation Factor TFIID Subunit 13; Transcription initiation factor TFIID 18 kDa subunit; TAF13 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of TAF13. No significant cross-reactivity or interference between TAF13 and analogues was observed.
Sequence Length	124
Samples	Tissue homogenates, cell lysates and other biological fluids.
Assay Type	Sandwich
Detection Range	0.312-20ng/mL
Sensitivity	0.128ng/mL
Intra-assay Precision	Intra-assay Precision (Precision within an assay): 3 samples with low, middle and high level TAF13 were tested 20 times on one plate, respectively. Intra-Assay: CV<10%
Inter-assay Precision	Inter-assay Precision (Precision between assays): 3 samples with low, middle and high level TAF13 were tested on 3 different plates, 8 replicates in each plate. CV(%) = SD/meanX100. Inter-Assay: CV<12%
Preparation and Storage	For unopened kit, all reagents should be kept according to the labels on vials. The TMB Substrate, Wash Buffer, Stop Solution should be stored at 4 degree C. All others should be stored at -20 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for TAF13 elisa kit	Intended Uses: The kit is a sandwich enzyme immunoassay for in vitro quantitative measurement of TAF13 in human tissue homogenates, cell lysates and other biological fluids. Principle of the Assay: The microtiter plate provided in this kit has been pre-coated with an antibody specific to TAF13. Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated antibody preparation specific to TAF13. Next, Avidin conjugated to Horseradish Peroxidase (HRP) is added to each microplate well and incubated. After TMB substrate solution is added, only those wells that contain TAF13, biotin-conjugated antibody and enzyme-conjugated Avidin will exhibit a change in color. The enzyme-substrate reaction is terminated by the addition of sulphuric acid solution and the color change is measured spectrophotometrically at a wavelength of 450nm +/- 10nm. The concentration of TAF13 in the samples is then determined by comparing the O.D. of the samples to the standard curve.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	5032155
NCBI GeneID	6884
NCBI Accession #	NP_005636.1
NCBI GenBank Nucleotide #	NM_005645.3
UniProt Accession #	Q15543; Q5TYV6; B2R5E5
Molecular Weight	14,287 Da
NCBI Official Full Name	transcription initiation factor TFIID subunit 13
NCBI Official Synonym Full Names	TATA-box binding protein associated factor 13
NCBI Official Symbol	TAF13
NCBI Official Synonym Symbols	TAF2K; TAFII18; TAFII-18; TAF(II)18
NCBI Protein Information	transcription initiation factor TFIID subunit 13
UniProt Protein Name	Transcription initiation factor TFIID subunit 13
UniProt Gene Name	TAF13
UniProt Synonym Gene Names	TAF2K; TAFII18; TAF(II)18; TAFII-18; TAFII18

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.