

Mouse TATA Box Binding Protein Associated Factor 12 (TAF12) ELISA Kit | TAF12 elisa kit

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CATALOG # AAA64811	REACTIVITY Mouse
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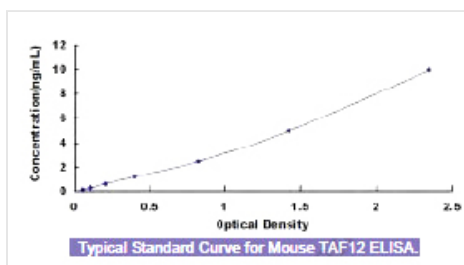
PRODUCT SYNONYMS

TATA Box Binding Protein Associated Factor 12 (TAF12); Mouse TATA Box Binding Protein Associated Factor 12 (TAF12) ELISA Kit; TAF2J; TAFII20; Transcription Initiation Factor TFIID Subunit 12; Transcription initiation factor TFIID 20/15 kDa subunits; TAF12 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Specificity	This assay has high sensitivity and excellent specificity for detection of TAF12. No significant cross-reactivity or interference between TAF12 and analogues was observed.
Sequence Length	161
Samples	Tissue homogenates and other biological fluids.
Assay Type	Sandwich
Detection Range	0.156-10ng/mL
Sensitivity	0.059ng/mL
Intra-assay Precision	Intra-assay Precision (Precision within an assay): 3 samples with low, middle and high level TAF12 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 TAF12 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 TAF12 elisa kit	Intended Uses: The kit is a sandwich enzyme immunoassay for in vitro quantitative measurement of TAF12 in mouse tissue homogenates and other biological fluids. Principle of the Assay: The microtiter plate provided in this kit has been pre-coated with an antibody specific to TAF12. Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated antibody preparation specific to TAF12. 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 TAF12, 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 TAF12 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 #	227330588
NCBI GeneID	66464
NCBI Accession #	NP_079855.2
NCBI GenBank Nucleotide #	NM_025579.3
UniProt Accession #	Q8VE65; Q3V0S7; Q9CZ11; Q9D8Q0
Molecular Weight	17,875 Da
NCBI Official Full Name	transcription initiation factor TFIID subunit 12
NCBI Official Synonym Full Names	TATA-box binding protein associated factor 12
NCBI Official Symbol	Taf12
NCBI Official Synonym Symbols	20kDa; Taf2J; AW557038; 2810422D08Rik
NCBI Protein Information	transcription initiation factor TFIID subunit 12
UniProt Protein Name	Transcription initiation factor TFIID subunit 12
UniProt Gene Name	Taf12
UniProt Synonym Gene Names	TAFII-20; TAFII20

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.