

Human TATA Box Binding Protein Associated Factor 2 ELISA Kit | TAF2 elisa kit

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CATALOG #
AAA87488

REACTIVITY
Human

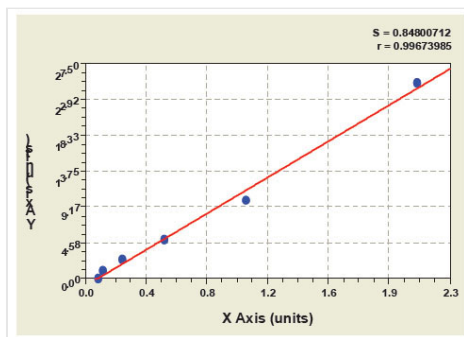
PRODUCT SYNONYMS

TATA Box Binding Protein Associated Factor 2; Human TATA Box Binding Protein Associated Factor 2 ELISA Kit; TAF2 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Samples	Serum, plasma, Cell Culture Supernatants, body fluid and tissue homogenate
Assay Type	Competitive or Sandwich
Detection Range	1.0-25ng/mL
Sensitivity	0.1ng/mL
Intended Uses	This TAF2 ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Human TAF2. 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 TAF2 elisa kit

Principle of the Assay: TAF2 ELISA kit applies the quantitative sandwich enzyme immunoassay technique. The microtiter plate has been pre-coated with a monoclonal antibody specific for TAF2. Standards or samples are then added to the microtiter plate wells and TAF2 if present, will bind to the antibody pre-coated wells. In order to quantitatively determine the amount of TAF2 present in the sample, a standardized preparation of horseradish peroxidase (HRP) -conjugated polyclonal antibody, specific for TAF2 are added to each well to "sandwich" the TAF2 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 TAF2 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 TAF2 concentration in each sample is interpolated from this standard curve.

NCBI AND UNIPROT INFORMATION

NCBI GI #	40674143
NCBI GeneID	6873
Molecular Weight	136,971 Da
NCBI Official Full Name	TAF2 protein, partial
NCBI Official Synonym Full Names	TAF2 RNA polymerase II, TATA box binding protein (TBP)-associated factor, 150kDa
NCBI Official Symbol	TAF2
NCBI Official Synonym Symbols	MRT40; TAF2B; CIF150; TAFII150
NCBI Protein Information	transcription initiation factor TFIID subunit 2; TAF(II)150; TBP-associated factor 150 kDa; 150 kDa cofactor of initiator function; cofactor of initiator function, 150kD subunit; RNA polymerase II TBP-associated factor subunit B; transcription initiation factor TFIID 150 kDa subunit; TATA box binding protein (TBP)-associated factor, RNA polymerase II, B, 150kD
UniProt Protein Name	Transcription initiation factor TFIID subunit 2
UniProt Gene Name	TAF2
UniProt Synonym Gene Names	CIF150; TAF2B; TAF(II)150; TAFII-150; TAFII150
UniProt Entry Name	TAF2_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.

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Online datasheet: <https://stage.aaabiotech.com/taf2-human-elisa-kits/tata-box-binding-protein-associated-factor-2/87488>