

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

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CATALOG #
AAA88989

REACTIVITY
Canine

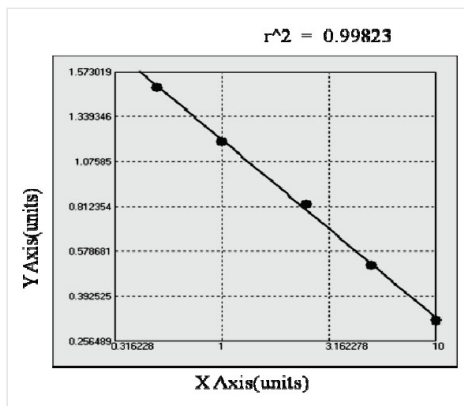
PRODUCT SYNONYMS

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

PRODUCT SPECIFICATIONS

Reactivity	Canine
Samples	Serum, plasma, Cell Culture Supernatants, body fluid and tissue homogenate
Assay Type	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 Canine 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 competitive enzyme immunoassay technique utilizing a monoclonal anti-TAF2 antibody and an TAF2-HRP conjugate. The assay sample and buffer are incubated together with TAF2-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 TAF2 concentration since TAF2 from samples and TAF2-HRP conjugate compete for the anti-TAF2 antibody binding site. Since the number of sites is limited, as more sites are occupied by TAF2 from the sample, fewer sites are left to bind TAF2-HRP conjugate. 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-canine-elisa-kits/tata-box-binding-protein-associated-factor-2/88989>