

Canine TATA Box Binding Protein Associated Factor 4 ELISA Kit | TAF4 elisa kit

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CATALOG #
AAA94046

REACTIVITY
Canine

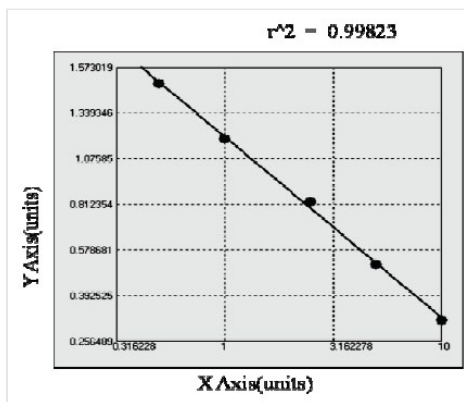
PRODUCT SYNONYMS

TATA Box Binding Protein Associated Factor 4; Canine TATA Box Binding Protein Associated Factor 4 ELISA Kit; TAF4 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Canine
Samples	Serum, plasma, Cell Culture Supernatants, body fluid and tissue homogenate
Assay Type	Competitive
Intended Uses	This TAF4 ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Canine TAF4. This ELISA kit for research use only, not for therapeutic applications
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Preparation and Storage	Store all reagents at 2-8 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for TAF4 elisa kit

Principle of the Assay: TAF4 ELISA kit applies the competitive enzyme immunoassay technique utilizing a monoclonal anti-TAF4 antibody and an TAF4-HRP conjugate. The assay sample and buffer are incubated together with TAF4-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 TAF4 concentration since TAF4 from samples and TAF4-HRP conjugate compete for the anti-TAF4 antibody binding site. Since the number of sites is limited, as more sites are occupied by TAF4 from the sample, fewer sites are left to bind TAF4-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The TAF4 concentration in each sample is interpolated from this standard curve.

NCBI AND UNIPROT INFORMATION

NCBI GI #	118377997
NCBI GeneID	7831220
NCBI Accession #	XP_001022175.1
NCBI GenBank Nucleotide #	XM_001022175.1
Molecular Weight	61,531 Da
NCBI Official Full Name	TATA box binding protein associated factor
NCBI Official Symbol	TTHERM_00787360
NCBI Protein Information	TATA box binding protein associated factor
UniProt Protein Name	TATA box-binding protein associated factor
UniProt Entry Name	Q23ZC7_TETTS

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/taf4-canine-elisa-kits/tata-box-binding-protein-associated-factor-4/94046>