

Canine Cyclic AMP Response Element Binding Protein ELISA Kit | CREB elisa kit

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CATALOG #
AAA96322

REACTIVITY
Canine

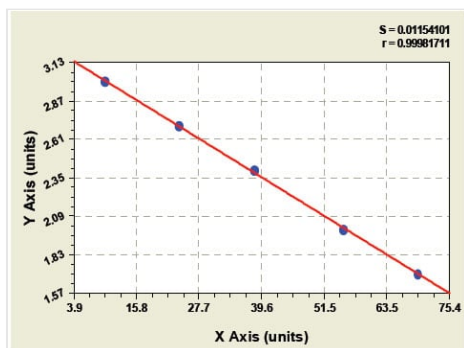
PRODUCT SYNONYMS

Cyclic AMP Response Element Binding Protein; Canine Cyclic AMP Response Element Binding Protein ELISA Kit; CREB elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Canine
Samples	Serum, plasma, Cell Culture Supernatants, body fluid and tissue homogenate
Assay Type	Competitive
Intended Uses	This CREB ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Canine CREB. 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 CREB elisa kit

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

NCBI AND UNIPROT INFORMATION

NCBI GI #	45553137
NCBI GeneID	39682
NCBI Accession #	NP_996096.1
NCBI GenBank Nucleotide #	NM_206374.2
Molecular Weight	56,342 Da
NCBI Official Full Name	Cyclic-AMP response element binding protein A, isoform B
NCBI Official Synonym Full Names	Cyclic-AMP response element binding protein A
NCBI Official Symbol	CrebA
NCBI Official Synonym Symbols	Bbbf2; BBF-2; BBF2_DROME; BcDNA:SD05937; BOX B Binding Factor-2; CG7450; CRE-BP; creb; Creb; CREB; Creb A; Creb-A; CREB-a; CREB-A; crebA; CREBA; dCreb-A; dCREB-A; dCrebA; dCREBA; DmelCG7450; l(3)03576
NCBI Protein Information	CG7450 gene product from transcript CG7450-RB; Box B-binding factor 2; CG7450-PA; CG7450-PB; CrebA-PA; CrebA-PB; Cyclic-AMP response element binding protein A; cAMP response element binding protein; cAMP response element binding protein A; cyclic AMP response element binding protein; dCREB-A
UniProt Protein Name	Cyclic AMP response element-binding protein A
UniProt Gene Name	CrebA
UniProt Synonym Gene Names	Bbbf2; CG7450; cAMP response element-binding protein A; dCREB-A; BBF-2
UniProt Entry Name	CREBA_DROME

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/creb-canine-elisa-kits/cyclic-amp-response-element-binding-protein/96322>