

Human Cyclic AMP Response Element Binding Protein (CREB) ELISA Kit | CREB elisa kit

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CATALOG #
AAA53862

REACTIVITY
Human

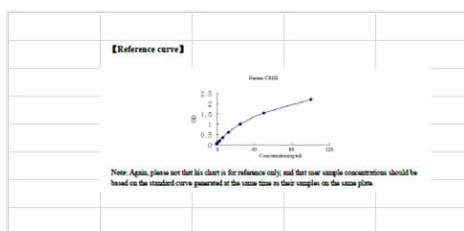
PRODUCT SYNONYMS

Cyclic AMP Response Element Binding Protein (CREB); Human Cyclic AMP Response Element Binding Protein (CREB) ELISA Kit; CREB elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	No cross-reaction with other factors.
Sequence Length	281
Samples	Human serum, plasma or cell culture supernatant
Assay Type	Quantitative Sandwich
Detection Range	100 ng/mL-1.56 ng/mL
Sensitivity	Up to 0.5 ng/mL
Intra-assay Precision	<= 8%
Inter-assay Precision	<= 12%
Preparation and Storage	Store all reagents at 2-8 degree C.

IMAGES



ADDITIONAL INFORMATION

Related Product Information for CREB elisa kit

Principle of the Assay: As mentioned above, this kit utilizes the Double Antibody Sandwich ELISA technique. The pre-coated antibody is an anti-Human CREB monoclonal antibody, while the detection antibody is a biotinylated polyclonal antibody. Samples and biotinylated antibodies are added into ELISA plate wells and washed out with PBS or TBS after their respective additions to the wells. Then Avidin-peroxidase conjugates are added to the wells in after. TMB substrate is used for coloration after the enzyme conjugate has already been thoroughly washed out of the wells by PBS or TBS. TMB reacts to form a blue product from the peroxidase activity, and finally turns to yellow after addition of the stop solution (Color Reagent C). The color intensity and quantity of target analyte in the sample are positively correlated.

NCBI AND UNIPROT INFORMATION

NCBI GI #

665392212

NCBI GeneID	32817
NCBI Accession #	NP_001097016.2
NCBI GenBank Nucleotide #	NM_001103546.3
NCBI Official Full Name	Cyclic-AMP response element binding protein B, isoform P
NCBI Official Synonym Full Names	Cyclic-AMP response element binding protein B
NCBI Official Symbol	CrebB
NCBI Official Synonym Symbols	CG6103; CRE-BP; Creb; CREB; Creb B 17A; CREB-b; CREB-B; Creb17A; Creb2; CREB2; Creb2-b; Creb2.b; CREB2a; Creb2b; CREB2b; CrebB-17A; CrebB-17B; CrebB17-A; dCbz; dCREB; dCREB-2; dCREB-2a; dCREB-B; dCreb2; dCREB2; dCREB2-a; dcreb2-b; dCreb2-b; dCREB2-b; dCRE
NCBI Protein Information	CG6103 gene product from transcript CG6103-RP; CG6103-PF; CG6103-PG; CG6103-PI; CG6103-PJ; CG6103-PM; CG6103-PN; CG6103-PO; CG6103-PP; CrebB-PF; CrebB-PG; CrebB-PI; CrebB-PJ; CrebB-PM; CrebB-PN; CrebB-PO; CrebB-PP; Cyclic-AMP response element binding protein B; Cyclic-AMP response element binding protein B at 17A; Cyclic-AMP response element binding protein B at 17B; activator; blocker; cAMP response element-binding protein; cAMP-regulated enhancer-binding protein; cAMP-response element binding protein; cAMP-response element-binding protein; cyclic AMP response element binding protein; dCREB2; lethal(1)17Af

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/human-elisa-kits/cyclic-amp-response-element-binding-protein-creb/53862>