

Rat Cyclic AMP response element binding protein, CREB ELISA Kit | CREB elisa kit

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CATALOG #
AAA41529

REACTIVITY
Rat

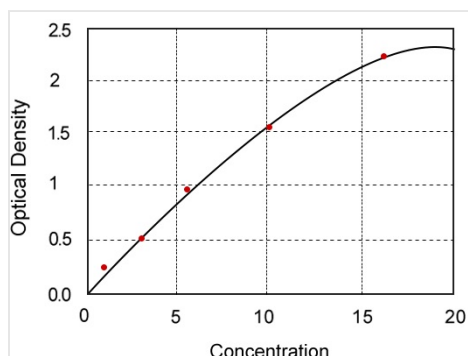
PRODUCT SYNONYMS

Cyclic AMP response element binding protein; CREB; Rat Cyclic AMP response element binding protein; CREB ELISA Kit; CREB elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Rat
Sequence Length	516
Samples	Serum, plasma, cell culture supernates, cell lysates, tissue homogenates
Assay Type	Quantitative Sandwich
Detection Range	0.5ng/ml - 100ng/ml
Sensitivity	0.24ng/ml
Intra-Assay	CV<8%
Inter-Assay	CV<10%
Preparation and Storage	Store at 2 to 8 degree C for 6 months.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for CREB elisa kit

Intended Uses: This sandwich kit is for the accurate quantitative detection of Rat Cyclic AMP Response Element Binding Protein (also known as CREB) in serum, plasma, cell culture supernates, cell lysates, tissue homogenates.

Principles of the Assay: This kit is an Enzyme-Linked Immunosorbent Assay (ELISA). The plate has been pre-coated with Rat CREB antibody. CREB present in the sample is added and binds to antibodies coated on the wells. And then biotinylated Rat CREB Antibody is added and binds to CREB in the sample. Then Streptavidin-HRP is added and binds to the Biotinylated CREB antibody. After incubation unbound Streptavidin-HRP is washed away during a washing step. Substrate solution is then added and color develops in proportion to the amount of Rat CREB. The reaction is terminated by addition of acidic stop solution and absorbance is measured at 450 nm.

NCBI AND UNIPROT INFORMATION

NCBI GI #	45553137
NCBI GeneID	39682
NCBI Accession #	NP_996096.1
NCBI GenBank Nucleotide #	NM_206374.2
UniProt Accession #	P29747; Q24282; Q64M72; Q8MQX0; Q9VUQ4
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; DM4; DmelCG7450; I(3)03576
NCBI Protein Information	Cyclic-AMP response element binding protein A
UniProt Protein Name	Cyclic AMP response element-binding protein A
UniProt Gene Name	CrebA
UniProt Synonym Gene Names	Bbbf2; cAMP response element-binding protein A; dCREB-A; BBF-2

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/rat-elisa-kits/cyclic-amp-response-element-binding-protein-creb/41529>