

## Mouse cAMP response element binding protein, CREB ELISA Kit | CREB elisa kit

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CATALOG #  
**AAA123319**

REACTIVITY  
**Mouse**

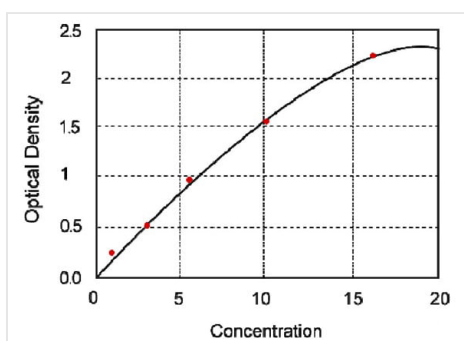
### PRODUCT SYNONYMS

cAMP response element binding protein; CREB; Mouse cAMP response element binding protein; CREB ELISA Kit; CREB elisa kit

### PRODUCT SPECIFICATIONS

|                         |                                                                                                                                                                                                  |
|-------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Reactivity              | Mouse                                                                                                                                                                                            |
| Sequence Length         | 331                                                                                                                                                                                              |
| Assay Type              | Quantitative Sandwich                                                                                                                                                                            |
| Samples                 | Serum, plasma, cell culture supernates, Ascites, tissue homogenates or other biological fluids                                                                                                   |
| Detection Range         | 1-400ng/L                                                                                                                                                                                        |
| Sensitivity             | 0.57ng/L                                                                                                                                                                                         |
| Intra-assay Precision   | Intra-Assay Precision (Precision within an assay) Three samples of known concentration were tested on one plate to assess intra-assay precision. Intra-Assay: CV<8%                              |
| Inter-assay Precision   | Inter-Assay Precision (Precision between assays) Three samples of known concentration were tested in separate assays to assess inter-assay precision. CV(%) = SD/mean x 100. Inter-Assay: CV<10% |
| Preparation and Storage | Store at 2 to 8 degree C for 6 months.                                                                                                                                                           |

### IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

|                                                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
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| Related Product Information for CREB elisa kit | <p>Principle of the Assay: This kit is an Enzyme-Linked Immunosorbent Assay (ELISA). The plate has been pre-coated with Mouse CREB antibody. CREB present in the sample is added and binds to antibodies coated on the wells. And then biotinylated Mouse 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 Mouse CREB. The reaction is terminated by addition of acidic stop solution and absorbance is measured at 450 nm.</p> <p>Intended Uses: This sandwich kit is for the accurate quantitative detection of Mouse cAMP response element binding protein (also known as CREB) in serum, plasma, cell culture supernates, Ascites, tissue homogenates or other biological fluids.</p> |
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NCBI AND UNIPROT INFORMATION

|                                  |                                                                                                                                                                                                                                                                 |
|----------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| NCBI GI #                        | 1114645735                                                                                                                                                                                                                                                      |
| NCBI GeneID                      | 32817                                                                                                                                                                                                                                                           |
| NCBI GenBank Nucleotide #        | NP_001334685.1                                                                                                                                                                                                                                                  |
| NCBI Official Full Name          | Cyclic-AMP response element binding protein B, isoform Q                                                                                                                                                                                                        |
| 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         | Cyclic-AMP response element binding protein B                                                                                                                                                                                                                   |

**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/mouse-elisa-kits/camp-response-element-binding-protein-creb/123319>