

## CREB elisa kit

CREB (Phospho-Ser129) TFact DNA-Binding ELISA Kit

CATALOG #  
**AAA315875**

REACTIVITY  
**Human, Mouse, Rat**

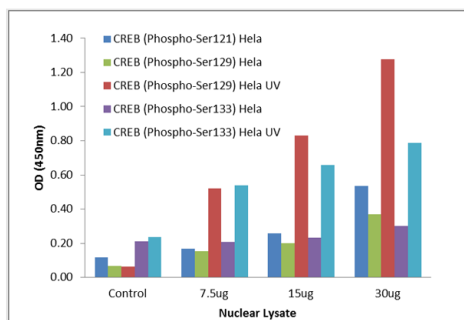
### PRODUCT SYNONYMS

CREB; CREB (Phospho-Ser129) TFact DNA-Binding ELISA Kit; cAMP responsive element binding protein 1; cAMP-response element binding protein; CREB-1; CREB1; CREB elisa kit

### PRODUCT SPECIFICATIONS

|                         |                                                                                                                             |
|-------------------------|-----------------------------------------------------------------------------------------------------------------------------|
| Reactivity              | Human, Mouse, Rat                                                                                                           |
| Specificity             | The TFact CREB (Phospho-Ser129) DNA-Binding ELISA Kit detects endogenous levels of CREB only when phosphorylated at Ser129. |
| Form/Format             | 12 x 8-Well Microstrips                                                                                                     |
| Sequence Length         | 327                                                                                                                         |
| Samples                 | Cell lysate                                                                                                                 |
| Assay Type              | DNA-Binding ELISA                                                                                                           |
| Sensitivity             | 10-30 ug of total protein/well                                                                                              |
| Detection Method        | Colorimetric 450 nm                                                                                                         |
| Subtype                 | Phospho                                                                                                                     |
| Preparation and Storage | Store entire kit at 4 degree C until use.                                                                                   |

### IMAGES



#### Application Data

The TFact CREB DNA-Binding ELISA kits detect active CREB in Hela Nuclear Extract. The Hela cells were grown 3 days in DMEM with 10% FBS and harvested for nuclear extract. The Hela cells were stimulated by UV (100J/M2) before harvest.

### NCBI AND UNIPROT INFORMATION

|                  |                             |
|------------------|-----------------------------|
| NCBI GI #        | <a href="#">4758054</a>     |
| NCBI GeneID      | <a href="#">1385</a>        |
| NCBI Accession # | <a href="#">NP_004370.1</a> |

|                                  |                                                                                                   |
|----------------------------------|---------------------------------------------------------------------------------------------------|
| NCBI GenBank Nucleotide #        | <a href="#">NM_004379.4</a>                                                                       |
| UniProt Accession #              | <a href="#">P16220</a> ; <a href="#">P21934</a> ; <a href="#">Q6V963</a> ; <a href="#">Q9UMA7</a> |
| Molecular Weight                 | 25,445 Da                                                                                         |
| NCBI Official Full Name          | cyclic AMP-responsive element-binding protein 1 isoform A                                         |
| NCBI Official Synonym Full Names | cAMP responsive element binding protein 1                                                         |
| NCBI Official Symbol             | CREB1                                                                                             |
| NCBI Official Synonym Symbols    | CREB; CREB-1                                                                                      |
| NCBI Protein Information         | cyclic AMP-responsive element-binding protein 1                                                   |
| UniProt Protein Name             | Cyclic AMP-responsive element-binding protein 1                                                   |
| UniProt Gene Name                | <b>CREB1</b>                                                                                      |
| UniProt Synonym Gene Names       | CREB-1; cAMP-responsive element-binding protein 1                                                 |

**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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | [contact@aaabiotech.com](mailto:contact@aaabiotech.com)  
Online datasheet: <https://www.aaabiotech.com/human-mouse-rat-elisa-kits/creb/315875>