

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

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CATALOG #
AAA278009

REACTIVITY
Mouse

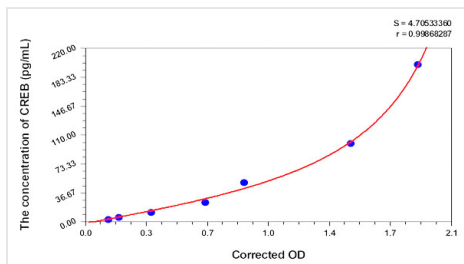
PRODUCT SYNONYMS

CREB (Cyclic AMP Response Element Binding Protein); Mouse CREB (Cyclic AMP Response Element Binding Protein) ELISA Kit; CREB; active transcription factor CREB; cAMP responsive element binding protein 1; cAMP-response element-binding protein-1; cAMP-responsive element-binding protein 1; CREB-1; cyclic AMP-responsive element-binding protein 1; MGC9284; transactivator protein; CREB elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Assay Type	Sandwich
Samples	Tissue homogenates and other biological fluids.
Detection Range	0.16-10ng/mL
Sensitivity	0.049ng/mL

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for CREB elisa kit

Test Principle: The test principle applied in this kit is Sandwich enzyme immunoassay. The microtiter plate provided in this kit has been pre-coated with an antibody specific to Mouse CREB. Standards or samples are added to the appropriate microtiter plate wells then with a biotin-conjugated antibody specific to Mouse CREB. Next, Avidin conjugated to Horseradish Peroxidase (HRP) is added to each microplate well and incubated. After TMB substrate solution is added, only those wells that contain Mouse CREB, biotin-conjugated antibody and enzyme-conjugated Avidin will exhibit a change in color. The enzyme-substrate reaction is terminated by the addition of sulphuric acid solution and the color change is measured spectrophotometrically at a wavelength of 450nm +/- 10nm. The concentration of Mouse CREB in the samples is then determined by comparing the OD of the samples to the standard curve.

Product Categories/Family for CREB elisa kit

[Epigenetics and Nuclear Signaling](#); [Immunology](#); [Neuroscience](#)

NCBI AND UNIPROT INFORMATION

NCBI GI #	19745144
NCBI GeneID	12912

NCBI Accession #	NP_034082.1
NCBI GenBank Nucleotide #	NM_009952.2
UniProt Accession #	Q01147
Molecular Weight	35,122 Da
NCBI Official Full Name	cyclic AMP-responsive element-binding protein 1 isoform B
NCBI Official Synonym Full Names	cAMP responsive element binding protein 1
NCBI Official Symbol	Creb1
NCBI Official Synonym Symbols	Creb; Creb-1; AV083133; 2310001E10Rik; 3526402H21Rik
NCBI Protein Information	cyclic AMP-responsive element-binding protein 1
UniProt Protein Name	Cyclic AMP-responsive element-binding protein 1
UniProt Gene Name	Creb1
UniProt Synonym Gene Names	Creb-1; CREB-1; cAMP-responsive element-binding protein 1
UniProt Entry Name	CREB1_MOUSE

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/creb-cyclic-amp-response-element-binding-protein/278009>