

Rat CREB (Cyclic AMP Response Element Binding Protein) CLIA Kit | CREB clia kit

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CATALOG #
AAA170848

REACTIVITY
Rat

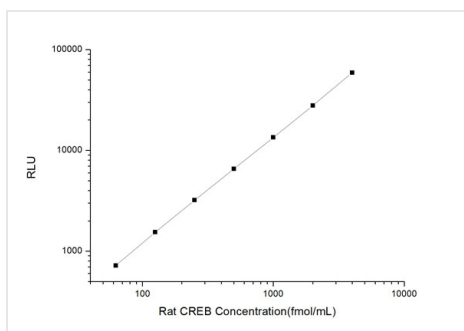
PRODUCT SYNONYMS

CREB (Cyclic AMP Response Element Binding Protein); Rat CREB (Cyclic AMP Response Element Binding Protein) CLIA Kit; CREB clia kit

PRODUCT SPECIFICATIONS

Reactivity	Rat
Specificity	This kit recognizes natural and recombinant CREB. No significant cross-reactivity or interference between CREB and analogues was observed.
Sequence Length	281
Assay Type	Sandwich
Detection Range	62.5-4000fmol/mL
Sensitivity	Min: 37.5fmol/mL; Max: 4000fmol/mL

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for CREB clia kit

Intended Uses: This CLIA kit applies to the in vitro quantitative determination of CREB concentrations in serum, plasma and other biological fluids.

Principle of the Assay: This kit uses Sandwich-CLIA as the method. The micro CLIA plate provided in this kit has been pre-coated with an antibody specific to CREB. Standards or samples are added to the appropriate micro CLIA plate wells and combined with the specific antibody. Then a biotinylated detection antibody specific for CREB and Avidin-Horseradish Peroxidase (HRP) conjugate is added to each micro plate well successively and incubated. Free components are washed away. The substrate solution is added to each well. Only those wells that contain CREB, biotinylated detection antibody and Avidin-HRP conjugate will appear fluorescence. The Relative light unit (RLU) value is measured spectrophotometrically by the Chemiluminescence immunoassay analyzer. The RLU value is positively associated with the concentration of CREB. You can calculate the concentration of CREB in the samples by comparing the RLU value of the samples to the standard curve.

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

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-clia-kits/creb-cyclic-amp-response-element-binding-protein/170848>