

Human Cyclic AMP Response Element Binding Protein ELISA Kit | CREB elisa kit

Human Cyclic AMP Response Element Binding Protein ELISA Kit

CATALOG #
AAA100628

REACTIVITY
Human

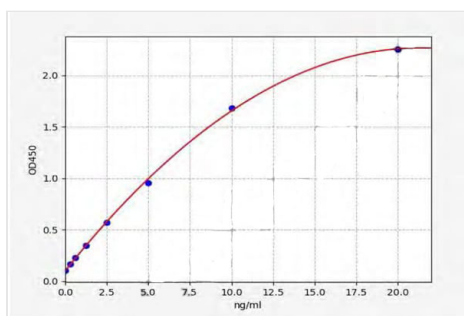
PRODUCT SYNONYMS

Cyclic AMP Response Element Binding Protein; Human 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	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of CREB. No significant cross-reactivity or interference between CREB and analogues was observed.
Sequence Length	281
Assay Type	Sandwich
Samples	Serum, plasma, tissue homogenates and other biological fluids
Detection Range	0.313-20ng/ml
Sensitivity	0.188ng/ml
Intra-assay Precision	CV<8%
Inter-assay Precision	CV<10%
Preparation and Storage	Store entire kit at 2-8C for short-term. For longer-term, please store the microplate & standard at -20C, while the remaining reagents can be stored at 2-8C

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for CREB elisa kit	Principle of the Assay: This kit was based on sandwich enzyme-linked immune-sorbent assay technology. Capture antibody was pre-coated onto 96-well plates. And the biotin conjugated antibody was used as detection antibodies. The standards, test samples and biotin conjugated detection antibody were added to the wells subsequently, and washed with wash buffer. HRP-Streptavidin was added and unbound conjugates were washed away with wash buffer. TMB substrates were used to visualize HRP enzymatic reaction. TMB was catalyzed by HRP to produce a blue color product that changed into yellow after adding acidic stop solution. The density of yellow is proportional to the target amount of sample captured in plate. Read the O.D. absorbance at 450nm in a microplate reader, and then the concentration of target can be calculated.
--	---

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.