

Human cAMP responsive element modulator (CREM) ELISA Kit | CREM elisa kit

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CATALOG #
AAA27274

REACTIVITY
Human

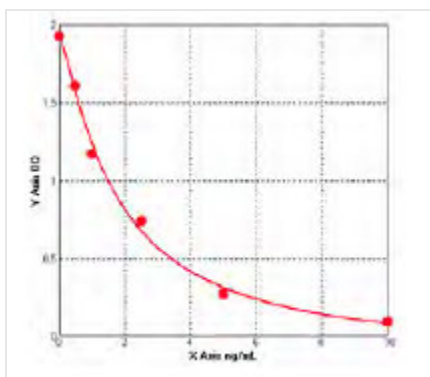
PRODUCT SYNONYMS

cAMP responsive element modulator (CREM); Human cAMP responsive element modulator (CREM) ELISA Kit; CREM elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Samples	Serum, Plasma, Cell Culture Supernatants, Body Fluid And Tissue Homogenate
Assay Type	Quantitative Competitive
Sensitivity	0.1 umol/L.
Preparation and Storage	Store all reagents at 2-8 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for CREM elisa kit

Intended Uses: This Cre ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Mouse Cre. This ELISA kit for research use only!

Principle of the Assay: Cre ELISA kit applies the competitive enzyme immunoassay technique utilizing an anti-Cre antibody and an Cre-HRP conjugate. The assay sample and buffer are incubated together with Cre-HRP conjugate in pre-coated plate for one hour. After the incubation period, the wells are decanted and washed five times. The wells are then incubated with a substrate for HRP enzyme. The product of the enzyme-substrate reaction forms a blue colored complex. Finally, a stop solution is added to stop the reaction, which will then turn the solution yellow. The intensity of color is measured spectrophotometrically at 450nm in a microplate reader. The intensity of the color is inversely proportional to the Cre concentration since Cre from samples and Cre-HRP conjugate compete for the anti-Cre antibody binding site. Since the number of sites is limited, as more sites are occupied by Cre from the sample, fewer sites are left to bind Cre-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The Cre concentration in each sample is interpolated from this standard curve.

NCBI AND UNIPROT INFORMATION

NCBI GI #	7717221
NCBI GeneID	1390
Molecular Weight	26,269 Da
NCBI Official Full Name	cAMP responsive element modulator, partial
NCBI Official Synonym Full Names	cAMP responsive element modulator
NCBI Official Symbol	CREM
NCBI Official Synonym Symbols	ICER; CREM-2; hCREM-2
NCBI Protein Information	cAMP-responsive element modulator; CREM 2beta-a protein; CREM 2alpha-b protein; cAMP response element modulator; inducible cAMP early repressor ICER
UniProt Protein Name	cAMP-responsive element modulator
UniProt Gene Name	CREM
UniProt Synonym Gene Names	ICER
UniProt Entry Name	CREM_HUMAN

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/human-elisa-kits/camp-responsive-element-modulator-crem/27274>