

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

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CATALOG #
AAA245354

REACTIVITY
Rabbit

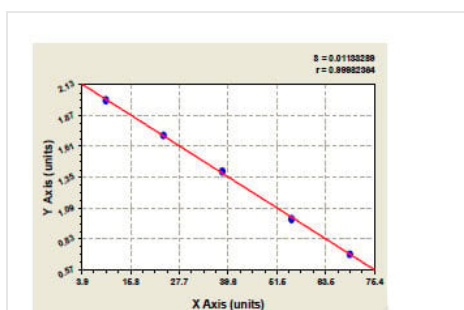
PRODUCT SYNONYMS

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

PRODUCT SPECIFICATIONS

Reactivity	Rabbit
Samples	Serum, plasma, cell culture supernatants, body fluid and tissue homogenate
Assay Type	Competitive
Sensitivity	1.0 ng/mL.
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 CREM ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Human CREM. This ELISA kit for research use only!

Principle of the Assay: CREM ELISA kit applies the competitive enzyme immunoassay technique utilizing a monoclonal anti-CREM antibody and an CREM-HRP conjugate. The assay sample and buffer are incubated together with CREM-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 CREM concentration since CREM from samples and CREM-HRP conjugate compete for the anti-CREM antibody binding site. Since the number of sites is limited, as more sites are occupied by CREM from the sample, fewer sites are left to bind CREM-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The CREM concentration in each sample is interpolated from this standard curve.

Product Categories/Family for CREM elisa kit

[Epigenetics and Nuclear Signaling](#)

NCBI AND UNIPROT INFORMATION

NCBI GI #	389616137
NCBI GeneID	1390
NCBI Accession #	NP_001254498.1
NCBI GenBank Nucleotide #	NM_001267569.1
Molecular Weight	26,269 Da
NCBI Official Full Name	cAMP-responsive element modulator isoform 30
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/rabbit-elisa-kits/camp-responsive-element-modulator-crem/245354>