

Mouse cyclic Adenosine Monophosphate ELISA Kit | Camp elisa kit

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CATALOG #
AAA83103

REACTIVITY
Mouse

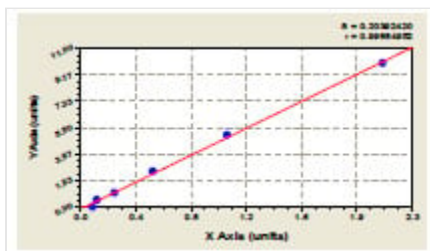
PRODUCT SYNONYMS

cyclic Adenosine Monophosphate; Mouse cyclic Adenosine Monophosphate ELISA Kit; Camp elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Samples	Serum, plasma, Cell Culture Supernatants, body fluid and tissue homogenate
Assay Type	Competitive
Detection Range	10-250pmol/mL
Sensitivity	1.0pmol/mL
Preparation and Storage	Store all reagents at 2-8 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for Camp elisa kit

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

Principle of the Assay||CAMP ELISA kit applies the quantitative sandwich enzyme immunoassay technique. The microtiter plate has been pre-coated with a monoclonal antibody specific for cAMP. Standards or samples are then added to the microtiter plate wells and cAMP if present, will bind to the antibody pre-coated wells. In order to quantitatively determine the amount of cAMP present in the sample, a standardized preparation of horseradish peroxidase (HRP)-conjugated polyclonal antibody, specific for cAMP are added to each well to "sandwich" the cAMP immobilized on the plate. The microtiter plate undergoes incubation, and then the wells are thoroughly washed to remove all unbound components. Next, substrate solutions are added to each well. The enzyme (HRP) and substrate are allowed to react over a short incubation period. Only those wells that contain cAMP and enzyme-conjugated antibody will exhibit a change in color. The enzyme-substrate reaction is terminated by addition of a sulphuric acid solution and the color change is measured spectrophotometrically at a wavelength of 450 nm. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The cAMP concentration in each sample is interpolated from this standard curve.

Product Categories/Family for Camp elisa kit

[Signal Transduction](#)

NCBI AND UNIPROT INFORMATION

NCBI GI #	49456877
NCBI GeneID	820
UniProt Accession #	P49913; Q71SN9
Molecular Weight	19,301 Da
NCBI Official Full Name	CAMP, partial
UniProt Protein Name	Cathelicidin antimicrobial peptide
UniProt Gene Name	CAMP
UniProt Synonym Gene Names	CAP18; FALL39; HSD26; CAP-18; hCAP-18
UniProt Entry Name	CAMP_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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/camp-mouse-elisa-kits/cyclic-adenosine-monophosphate/83103>