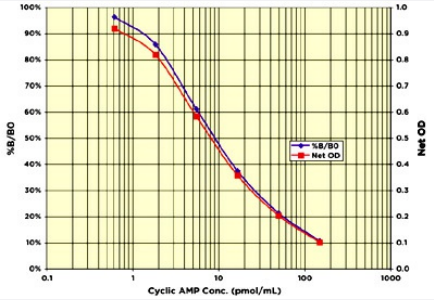
# cAMP ELISA Kit

Catalog # KA3388 Size 1 Kit

## Applications




The standard curve is for the purpose of illustration only and should not be used to calculate unknowns. A standard curve should be generated each time the assay is performed.

## Specification

| | |
|---|---|
| **Product Description** | cAMP ELISA Kit is an enzyme-linked immunosorbent assay for the quantitative detection of cAMP in lysed cells, EDTA and heparin plasma, urine, saliva and tissue culture media samples. |
| **Suitable Sample** | Cell Lysates, Plasma (EDTA, Heparin), Saliva, Tissue Culture Medium, Urine |
| **Sample Volume** | 50 uL |
| **Label** | Peroxidase-conjugated |
| **Detection Method** | Colorimetric |
| **Assay Type** | Quantitative |
| **Regulation Status** | For research use only (RUO) |
| **Storage Instruction** | Store the kit at 4°C. |

## Applications

- Quantification

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## Publication Reference

- 2-Guanidine-4-methylquinazoline Inhibits Platelet Activation and Thrombosis by Targeting the Acid-Sensing Ion Channel 3.

  Zhang Peng, Liu Peng, Yu Hanwen, Zhang Junfeng.

  European Journal of Pharmacology 2026 May; [Epub]:0.

  Application: Flow Cyt, Func, IHC-P, qPCR, WB-Ce, Human, Mouse, Human blood, Mouse blood, Mouse blood vessel tissue

- Beta-agonist drugs modulate the proliferation and differentiation of skeletal muscle cells in vitro.

  Boimpoundi Eunice Flavie Ouali, Hao-Ven Wang.

  Biochemistry and Biophysics Reports 2021 May; 26:101019.

  Application: ELISA, Mouse, C2C12 myoblast cells

- Adropin suppresses insulin expression and secretion in INS-1E cells and rat pancreatic islets.

  M Billert, M Jasaszwili, M Strowski, K W Nowak, M Skrzypski

  J Physiol Pharmacol 2020 Feb; 71(1):0.

- Phoenixin-14 stimulates proliferation and insulin secretion in insulin producing INS-1E cells.

  Billert M, Kołodziejski PA, Strowski MZ, Nowak KW, Skrzypski M.

  Biochimica et Biophysica Acta. Molecular Cell Research 2019 Aug; 1866(12):118533.

  Application: ELISA, Rat, INS-1E cells

- Oxidative stress and the altered reaction to it in Fabry disease: A possible target for cardiovascular-renal remodeling?.

  Verdiana Ravarotto, Gianni Carraro, Elisa Pagnin, Giovanni Bertoldi, Francesca Simioni, Giuseppe Maiolino, Matteo Martinato, Linda Landini, Paul A Davis, Lorenzo A Calo

  PLoS One 2018 Sep; 13(9):e0204618.

- Phoenixin-14 stimulates differentiation of 3T3-L1 preadipocytes via cAMP/Epac-dependent mechanism.

  Billert M, Wojciechowicz T, Jasaszwili M, Szczepankiewicz D, Waśko J, Kaźmierczak S, Strowski MZ, Nowak KW, Skrzypski M.

  Biochimica et Biophysica Acta. Molecular and Cell Biology of Lipids 2018 Dec; 1863(12):1449.

  Application: ELISA, Mouse, 3T3-L1 preadipocytes

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- Expression and function of calcitonin gene-related peptide (CGRP) receptors in trigeminal ganglia of R192Q Cacna1a knock-in mice.

  Vilotti S, Vana N, Van den Maagdenberg AM, Nistri A.

  Neuroscience Letters 2016 Mar; 620:104.

  Application: Quant, Mouse, Mouse primary culture of trigeminal ganglion

- A PLGA-encapsulated chimeric protein protects against adherence and toxicity of enterotoxigenic Escherichia coli.

  Shahram Nazarian, Seyed Latif Mousavi Gargari, Iraj Rasooli, Sadegh Hasannia, Nazanin Pirooznia.

  Microbiological Research 2014 Feb; 169(2-3):205.

  Application: Func, Quant, Hamster, CHO cells

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