

# Product Datasheet

## Cyclic AMP ELISA Kit (Colorimetric) KA0320

Unit Size: 1 Kit

Storage of components varies. See protocol for specific instructions.

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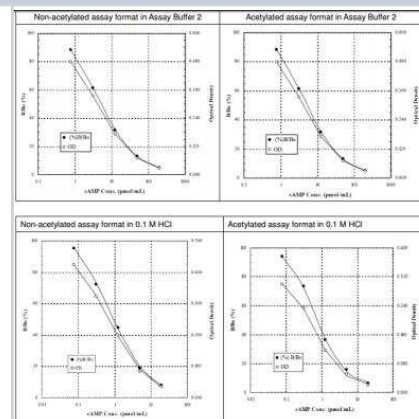


**KA0320****Cyclic AMP ELISA Kit (Colorimetric)**

<b>Product Information</b>	
<b>Unit Size</b>	1 Kit
<b>Concentration</b>	Concentration is not relevant for this product. Please see the protocols for proper use of this product.
<b>Storage</b>	Storage of components varies. See protocol for specific instructions.
<b>Product Description</b>	
<b>Description</b>	Quality control test: Standard curve. cyclic AMP Complete ELISA Kit is a kit for the quantitative determination of cyclic AMP in cells and tissue treated with 0.1M HCl, in addition to culture supernates, saliva, and serum.
<b>Kit Components</b>	Assay Buffer 2, 0.1M HCl, cyclic AMP Standard, Triethylamine, Acetic Anhydride, Goat anti-Rabbit IgG Microtiter Plate, Neutralizing Reagent, cAMP Antibody, cAMP Conjugate, Wash Buffer Concentrate, pNpp Substrate, Stop Solution, Plate Sealer
<b>Notes</b>	This product is produced by and distributed for Abnova, a company based in Taiwan.
<b>Standard Curve Range</b>	0.078 to 20 pmol/mL
<b>Sensitivity</b>	Assay Buffer: 0.30 pmol/mL (non-acetylated); 0.039 pmol/mL (acetylated) HCl: 0.39 pmol/mL (non-acetylated); 0.037 pmol/mL (acetylated)
<b>Assay Type</b>	Quantification
<b>Suitable Sample Type</b>	Cell Culture Supernatant, Cell Lysate, Saliva, Serum, Tissue
<b>Sample Volume</b>	100 uL
<b>Product Application Details</b>	
<b>Applications</b>	ELISA, Quantification
<b>Recommended Dilutions</b>	ELISA, Quantification

**Images**

ELISA: Cyclic AMP ELISA Kit [Alkaline Phosphatase] [KA0320] - Standard curves



## Publications

Camilla B, Matteo A, Tatiana V et al. The mitochondrial protein Opa1 promotes adipocyte browning that is dependent on urea cycle metabolites. *Nat Metab.* 2021-12-06 [PMID: 34873337]

Francesca G, Martina S, Carlotta P et al. Cholesterol Activates Cyclic AMP Signaling in Metaplastic Acinar Cells. *Metabolites.* 2021-02-26 [PMID: 33652890]

Bianca C, Mathieu D, Fabio M et al. Atypical CXCL12 signaling enhances neutrophil migration by modulating nuclear deformability. *Sci Signal.* 2022-11-22 [PMID: 36413598]

Stroth N, Niso M, Colabufo NA et al. Arylpiperazine Agonists of the Serotonin 5-HT1A Receptor Preferentially Activate cAMP Signaling versus Recruitment of beta-Arrestin-2. *BMC.* 2015-08-01 [PMID: 26081758]





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### **Products Related to KA0320**

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NBP1-19225-0.05ml	Cyclic AMP Antibody
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### **Limitations**

This product is for research use only and is not approved for use in humans or in clinical diagnosis. ELISA Kits are guaranteed for 6 months from date of receipt.

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