

Version: 03

Update (MM/DD/YYYY): 01/08/2025

cAMP-HRP

Cat. No.: M01059

Size: 200 µl

Conjugation: Horseradish peroxidase (HRP)

Description:

cAMP-peroxidase conjugate is a product most suitable for GenScript's THE™ Anti cAMP monoclonal antibody (Cat. No. A01509) in immunoassay development for cAMP detection. HRP is conjugated to the C-8 position of cAMP.

Formulation:

Supplied in PBS (pH 7.4), 10 mg/mL BSA, 0.01% thimerosal and 50% glycerol.

Storage:

The product remains stable up to 1 year at -20 °C from date of receipt. It can be stored for 2-3 weeks at 2-8 °C or for up to 12 months at -20 °C or below. Avoid repeated freezing and thawing cycles.

Note:

Small volumes of the product will occasionally become entrapped in the seal of the product vial during shipment and storage. Before use, briefly centrifuge the vial to dislodge any liquid in the container's cap.

Applications:

Working concentrations for specific applications should be determined by the investigator. The appropriate concentrations may be affected by antibody affinity, the sensitivity of the method of detection, temperature, the length of the incubations, and other factors. The suitability of this product for applications other than those listed below has not been determined. The following concentration ranges are recommended starting points for this product.

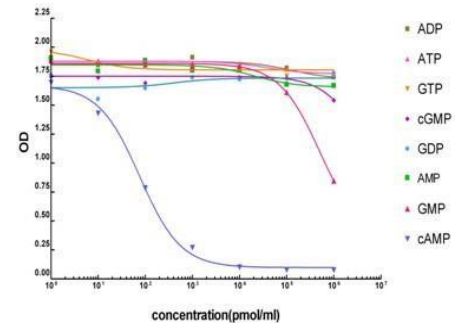
ELISA: 1:10,000 - 1:20,000

Other: user-optimized

Example:

cAMP competitive ELISA

1. ELISA plate was coated with goat anti mouse IgG antibody
2. Anti-cAMP monoclonal antibody (Cat. No. A01509) at appropriate dilution and cAMP standards or testing compounds were added into appropriate reaction wells.
3. After a period of incubation, cAMP-HRP conjugate (Cat.No.M01059) was added followed by proper period of incubation.
4. ELISA plate was washed with washing buffer, then TMB substrate was added at room temperature.
5. Stop the reaction with 1.0 N HCl and read the plate at 450nm.



For research use only. Not intended for human or animal clinical trials, therapeutic or diagnostic use.

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