

cGMP-HRP conjugate

Version: 10/27/2009

Cat. No.: M01058

Size: 200 µl

Conjugation: Horseradish peroxidase (HRP)

Description:

cGMP-peroxidase conjugate is a product most suitable for GenScript's THE™ Anti cGMP monoclonal antibody (Cat. No. A01508) and Rabbit Anti-cGMP polyclonal antibody (Cat. No. A00615) in immunoassay development for cGMP detection. HRP is conjugated to the C-8 position of cGMP.

Buffer:

Phosphate buffered saline, pH 7.4, containing 1% BSA and 0.01% thimerosal

Storage:

The conjugate can be stored for up to two years at -20°C or below.

Example:

Applications:

Working concentrations for specific applications should be determined by the investigator. The appropriate concentrations may be affected by the 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: 1:5,000 – 1:20,000

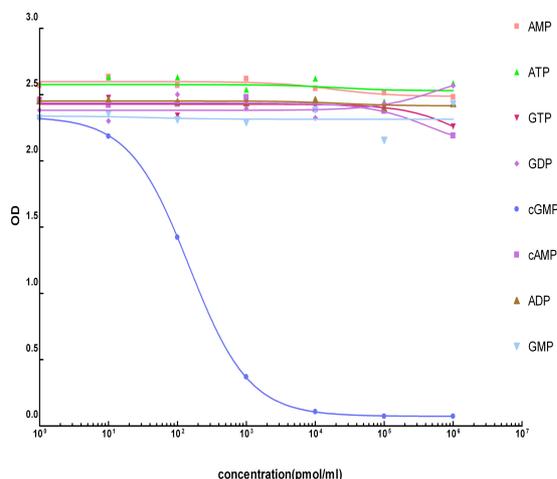
Other: user-optimized

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.

cGMP Competitive ELISA

1. ELISA plate was coated with goat anti mouse IgG antibody
2. Anti-cGMP monoclonal antibody (Cat. No. A01508) at appropriate dilution and cGMP standards or testing compounds were added into appropriate reaction wells.
3. After a period of incubation, cGMP-HRP conjugate (Cat. M01058) was added followed by proper period of incubation.
4. ELISA plate was washed with ELISA washing buffer, then TMB substrate was added and developed at room temperature.
5. Stop the reaction with 1.0 N HCl and read the plate at 450nm.



For research use only

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