

## cGMP antibody [RM467]

**Cat. No. GTX04680**

|                     |                     |
|---------------------|---------------------|
| <b>Host</b>         | Rabbit              |
| <b>Clonality</b>    | Monoclonal          |
| <b>Isotype</b>      | IgG                 |
| <b>Applications</b> | ELISA               |
| <b>Reactivity</b>   | Species independent |

**Package**

50 µg

## Applications

**Application Note**

\*Optimal dilutions/concentrations should be determined by the researcher.

| Suggested dilution | Recommended dilution |
|--------------------|----------------------|
| ELISA              | 0.05-0.5 µg/mL       |

Not tested in other applications.

**Product Note**

RM467 reacts to cGMP (Cyclic Guanosine Monophosphate). No cross reactivity with other cyclic nucleotide or nucleoside phosphate.

## Properties

|                      |                                                                                                                                                                                                                            |
|----------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Form</b>          | Liquid                                                                                                                                                                                                                     |
| <b>Buffer</b>        | PBS, 1% BSA, 50% Glycerol                                                                                                                                                                                                  |
| <b>Preservative</b>  | 0.09 % sodium azide                                                                                                                                                                                                        |
| <b>Storage</b>       | Store as concentrated solution. Centrifuge briefly prior to opening vial. For short-term storage (1-2 weeks), store at 4°C. For long-term storage, aliquot and store at -20°C or below. Avoid multiple freeze-thaw cycles. |
| <b>Concentration</b> | 1 mg/ml (Please refer to the vial label for the specific concentration.)                                                                                                                                                   |
| <b>Immunogen</b>     | KLH-conjugated cGMP                                                                                                                                                                                                        |
| <b>Purification</b>  | Protein A purified<br>From tissue culture supernatant                                                                                                                                                                      |
| <b>Conjugation</b>   | Unconjugated                                                                                                                                                                                                               |

**Note**

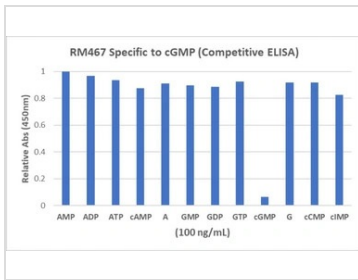
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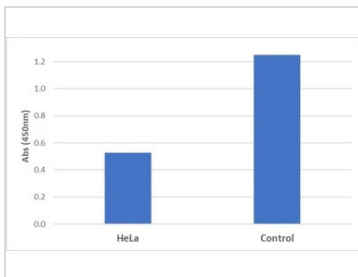
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## DATA IMAGES



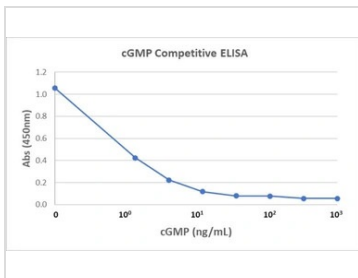
### GTx04680 ELISA Image

Competitive ELISA showing the specificity of GTx04680 cGMP antibody [RM467]. The 96-well plate was coated with 1 µg/mL of Goat anti-rabbit IgG (50 µl/well). 0.05 µg/ml of GTx04680 cGMP antibody [RM467] (50 µl/well) was added and incubated. After wash and block, cGMP and other cyclic nucleotides or nucleoside phosphates (25 µl/well) were added along with 25 µl/well of 1:5000 diluted HRP conjugated cGMP.



### GTx04680 ELISA Image

Competitive ELISA detecting cGMP in HeLa cells. The 96-well plate was coated with 1 µg/mL of Goat anti-rabbit IgG (50 µl/well). 0.05 µg/ml of GTx04680 cGMP antibody [RM467] (50 µl/well) was added and incubated. After wash and block, HeLa cell lysate (~10<sup>5</sup> cell/mL) or control (lysate buffer only) (25 µl/well) were added along with 25 µl/well of 1:5000 diluted HRP conjugated cGMP.



### GTx04680 ELISA Image

Competitive ELISA of cGMP using GTx04680 cGMP antibody [RM467]. The 96-well plate was coated with 1 µg/mL of Goat anti-rabbit IgG (50 µl/well). 0.05 µg/ml of GTx04680 cGMP antibody [RM467] (50 µl/well) was added and incubated. After wash and block, different concentrations of cGMP (25 µl/well) were added along with 25 µl/well of 1:5000 diluted HRP conjugated cGMP.



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