



Data Sheet

CYCLIC GMP (cGMP)

ANTIBODY, POLYCLONAL

Catalog no.: A 8101.1 / A 8101.2

Immunogen: Succinyl cGMP- human serum albumin conjugate

Synonyms: Cyclic guanosine monophosphate

Host: Rabbit

Matrix: Serum

Specificity: cGMP

Cross-reactivity at 50 % displacement:
cAMP < 0.0005 %, GTP < 0.00001 %, ATP < 0.00001 %

Contents: 20 µl / 100 µl (lyophilized)

Resuspend in 20 µl / 100 µl aqua bidest.

Known applications: RIA^{1,2,3}

Antigen binding capacity: Dilutions 1/2000 bound 45- 50 % of the labelled (radioactive) nucleotide.

This antibody has not been tested for use in all applications. This does not necessarily exclude its use for non-tested procedures. The stated dilutions are recommendations only. We suggest that the applicant titrates the antibody in his/her system using appropriate negative/positive controls.

Store at: 2-8 °C (lyophilized); - 20 °C (dissolved)

Repeated thawing and freezing must be avoided

References:

1. Defagot C, Zubin P (1994). Preparation, production and functional characterization of anti cAMP and cGMP antibodies. *Biol. Res* **27**: 193-197.
2. Zubin P, Defagot C., Parlanti G (1995). Guanylate Cyclase Activity in the Inner Ear and Auditory Nerve of the Rat. *J. Biochem.* **118**: 418-421.
3. Defagot C, Zubin P (1997). Effect of different illumination conditions and ionic environment on the guanylate cyclase activity in retina, optic nerve and optic chiasm of the rat. *J. Physiology (Paris)* **91**: 91-95.

Last updated on: 18 August 2016



A horizontal banner with six segments: an orange square with the word 'Antibodies', a microscopic image of cells, a light green square, a yellow-green microscopic image of cells, a light blue square, and a yellow square with the 'immundiagnostik' logo.

Antibodies

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