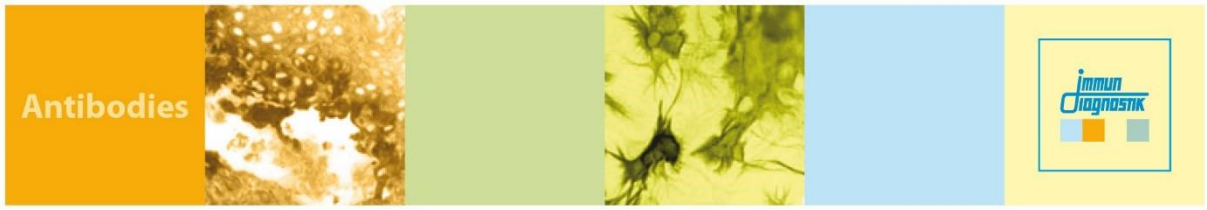

Data Sheet

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 cylase activity in retina, optic nerve and optic chiasm of the rat. *J. Physiology* (Paris) **91**: 91-95.
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