

cGMP Polyclonal Antibody

Catalog Number **PA1-25508**

Product data sheet

Details		Species Reactivity	
Size	100 tests	Species reactivity	Chemical
Host/Isotope	Rabbit / IgG	Tested Applications	
Class	Polyclonal	Radioimmune Assays (RIA)	Dilution *
Type	Antibody		1:10
Immunogen	Cyclic GMP-2'-O-HS, conjugated to BSA.	* Suggested working dilutions are given as a guide only. It is recommended that the user titrate the product for use in their own experiment using appropriate negative and positive controls.	
Conjugate	Unconjugated		
Form	Lyophilized		
Storage Conditions	-20° C, Avoid Freeze/Thaw Cycles		

Product specific information

PA1-25508 detects cGMP. PA1-25508 has been successfully used in radioimmune assay procedures. The PA1-25508 immunogen is cyclic GMP-2-O-HS, conjugated to BSA. Reconstitute with 1 ml 0.1% BSA in distilled water.

Background/Target Information

Guanosine cyclic 3',5'-(hydrogen phosphate) is a guanine nucleotide containing one phosphate group which is esterified to the sugar moiety in both the 3'- and 5'-positions. Cyclic gmp is a cellular regulatory agent and has been described as a second messenger. Its levels increase in response to a variety of hormones, including acetylcholine, insulin, and oxytocin and it has been found to activate specific protein kinases. [National Center for Biotechnology Information. PubChem Compound Database; CID=24316].

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