

Datasheet: OBT5055

BATCH NUMBER 163806

Description:	SHEEP ANTI CYCLIC GMP
Specificity:	CYCLIC GMP
Other names:	cGMP
Format:	Serum
Product Type:	Polyclonal Antibody
Isotype:	Polyclonal IgG
Quantity:	2 ml

Product Details

Applications

This product has been reported to work in the following applications. This information is derived from testing within our laboratories, peer-reviewed publications or personal communications from the originators. Please refer to references indicated for further information. For general protocol recommendations, please visit www.bio-rad-antibodies.com/protocols.

	Yes	No	Not Determined	Suggested Dilution
ELISA	■			

Where this product has not been tested for use in a particular technique this does not necessarily exclude its use in such procedures. Suggested working dilutions are given as a guide only. It is recommended that the user titrates the product for use in their own system using appropriate negative/positive controls.

Target Species	Chemical
Product Form	Serum - liquid
Preservative Stabilisers	0.09% Sodium Azide (NaN ₃)
Immunogen	Succinylated cGMP conjugated to BSA.
RRID	AB_619661

Specificity	Sheep anti cyclic GMP antibody recognizes cyclic guanosine monophosphate (cGMP) a second messenger molecule similar to cAMP. cGMP is synthesized from GTP under the influence of soluble guanylate synthase. cGMP then activates protein kinases to mediate cellular processes including vasodilation or transcription factor activation.
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References	1. Mátyás C <i>et al.</i> (2015) The soluble guanylate cyclase activator cinaciguat prevents
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cardiac dysfunction in a rat model of type-1 diabetes mellitus. [Cardiovasc Diabetol. 14 \(1\): 145.](#)

Storage	Store at +4°C. DO NOT FREEZE. This product should be stored undiluted. Should this product contain a precipitate we recommend microcentrifugation before use.
Guarantee	12 months from date of despatch
Health And Safety Information	Material Safety Datasheet documentation #10081 available at: https://www.bio-rad-antibodies.com/SDS/OBT5055 10081
Regulatory	For research purposes only

Related Products

Recommended Secondary Antibodies

Rabbit Anti Sheep IgG (H/L) (5184-2304...) [Biotin](#)

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To find a batch/lot specific datasheet for this product, please use our online search tool at: [bio-rad-antibodies.com/datasheets](https://www.bio-rad-antibodies.com/datasheets)
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