

Datasheet: PBP003

Description:	PURIFIED BOVINE IgG1
Name:	IgG1
Format:	Purified
Product Type:	Purified Protein
Quantity:	1 mg

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	Bovine
Product Form	Purified IgG1 - liquid
Preparation	Purified IgG1 prepared by ion exchange chromatography
Buffer Solution	Phosphate buffered saline
Preservative Stabilisers	0.09% Sodium Azide (NaN ₃)
Approx. Protein Concentrations	IgG concentration 1.0 mg/ml
RRID	AB_324783

Product Information **Purified Bovine IgG1** is a preparation of purified polyclonal bovine IgG1 prepared from normal bovine serum.

By immunoelectrophoresis, Purified Bovine IgG1 (**PBP003**) reacts with bovine IgG1. No reactivity was observed with antiserum specific for bovine IgG2, IgA or IgM. Purified Bovine IgG1 (**PBP003**) contains <1% IgG2, IgA and IgM as determined by ELISA.

References

1. Abbott, J. *et al.* (2005) Rapid and long-term disappearance of CD4+ T lymphocyte responses specific for *Anaplasma marginale* major surface protein-2 (MSP2) in MSP2 vaccinates following challenge with live *A. marginale*. [J. Immunol. 174: 6702-6715.](#)

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 #10258 available at:
10258: <https://www.bio-rad-antibodies.com/uploads/MSDS/10258.pdf>

Regulatory

For research purposes only

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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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