

## Datasheet: PBP003

**BATCH NUMBER 164974**

<b>Description:</b>	PURIFIED BOVINE IgG1
<b>Name:</b>	IgG1
<b>Format:</b>	Purified
<b>Product Type:</b>	Purified Protein
<b>Quantity:</b>	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](http://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.

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

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**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.](#)

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**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.

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**Guarantee**

12 months from date of despatch

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**Health And Safety Information**

Material Safety Datasheet documentation #10258 available at:  
<https://www.bio-rad-antibodies.com/SDS/PBP003>  
10258

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**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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