

Datasheet: PBP004

**BATCH NUMBER 160124**

<b>Description:</b>	PURIFIED BOVINE IgG2
<b>Name:</b>	IgG2
<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 IgG2 - liquid
<b>Preparation</b>	Purified IgG 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>	1 mg/ml
<b>RRID</b>	AB_324782

**Product Information** **Purified bovine IgG2** is prepared from normal bovine serum by fractionation followed by DEAE chromatography. By immunoelectrophoresis, this preparation has been shown to react with antiserum specific for bovine IgG2. No reactivity was seen with antiserum specific for bovine IgG1,

IgA or IgM.

This product contains <1% IgG1, IgA and IgM as determined by ELISA.

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<b>References</b>	1. Abbott, J.R. <i>et al.</i> (2005) Rapid and long-term disappearance of CD4+ T lymphocyte responses specific for <i>Anaplasma marginale</i> major surface protein-2 (MSP2) in MSP2 vaccinates following challenge with live <i>A. marginale</i> . <a href="#">J Immunol. 174 (11): 6702-15.</a>
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<b>Storage</b>	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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<b>Guarantee</b>	12 months from date of despatch
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<b>Health And Safety Information</b>	Material Safety Datasheet documentation #10258 available at: <a href="https://www.bio-rad-antibodies.com/SDS/PBP00410258">https://www.bio-rad-antibodies.com/SDS/PBP00410258</a>
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<b>Regulatory</b>	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://bio-rad-antibodies.com/datasheets)  
'M369465:200529'

Printed on 01 Mar 2024

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