

Datasheet: BUF033B

BATCH NUMBER 162695

Description:	ELISA ULTRABLOCK
Name:	ELISA ULTRABLOCK
Format:	Ready To Use
Product Type:	Accessory Reagent
Quantity:	500 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	▪			Neat

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 the appropriate negative/positive controls.

Product Form	Ready to use - liquid
---------------------	-----------------------

Buffer Solution	Phosphate buffered saline
------------------------	---------------------------

Preservative Stabilisers	0.05% Sodium Azide
---------------------------------	--------------------

Intended Use	<p>BUF033B is a high performance ELISA blocking buffer for use in all ELISA formats with high background problems. The formulation includes a proprietary fish extract, molecular stabilizers and an antimicrobial agent. It is particularly useful in antigen-down and sandwich ELISA assays with mammalian samples, especially human, bovine and porcine serum, where the non-mammalian blocking proteins are less likely to interact with endogenous antibodies in the serum sample.</p>
---------------------	---

Superior blocking is possible due to the small size of the molecules which block non-specific binding sites on the adsorbed protein and unoccupied regions of the polystyrene plates often sterically inaccessible to traditional blockers. It provides a long-term stable environment for coating antigen or capture antibody. Plates can be blocked at room temperature and stored once dried for up to a year at +4°C.

- Instructions For Use**
1. Coat ELISA plate with antibody or antigen as required.
 2. After incubation, remove the coating solution and wash the plate x2 with wash buffer. [BUF031A](#) can be used for this purpose.
 3. Add 300-400ul of BUF033B and incubate for 2-24 hours. Use a volume equal to or greater than the volume of coating solution.
 4. After removal of the blocking buffer continue with the assay or dry the plate for long-term storage at +4°C.

-
- References**
1. Colwell, D.D. *et al.* (2010) *Dicrocoelium dendriticum* in cattle from Cypress Hills, Canada: Humoral response and preliminary evaluation of an ELISA. [Vet Parasitol.174: 162-165.](#)
 2. Defresne, F. *et al.* (2010) Differential influence of anticancer treatments and angiogenesis on the seric titer of autoantibody used as tumor and metastasis biomarker. [Neoplasia 12: 562-570.](#)
 3. Zhang, Y. *et al.* (2012) Causes of alternative pathway dysregulation in dense deposit disease. [Clin J Am Soc Nephrol. 7 \(2\): 265-74.](#)
 4. Krachudel, J. *et al.* (2013) Luteal insufficiency in bitches as a consequence of an autoimmune response against progesterone? [Theriogenology. 79: 1278-83.](#)

Storage Store at +4°C.

DO NOT FREEZE

This product should be stored undiluted.

Guarantee Guaranteed until date of expiry. Please see product label.

Health And Safety Information Material Safety Datasheet documentation #10379 available at: <https://www.bio-rad-antibodies.com/SDS/BUF033B>
10379

Regulatory For research purposes only

Related Products

Recommended Useful Reagents

- [ELISA ULTRABLOCK \(BUF033A\)](#)
- [ELISA ULTRABLOCK \(BUF033C\)](#)
- [ELISA NEPTUNE ASSAY DILUENT \(BUF039A\)](#)
- [5x ELISA COATING BUFFER \(BUF030A\)](#)
- [10x ELISA WASH BUFFER \(BUF031A\)](#)

North & South America Tel: +1 800 265 7376
Fax: +1 919 878 3751
Email: antibody_sales_us@bio-rad.com

Worldwide Tel: +44 (0)1865 852 700
Fax: +44 (0)1865 852 739
Email: antibody_sales_uk@bio-rad.com

Europe Tel: +49 (0) 89 8090 95 21
Fax: +49 (0) 89 8090 95 50
Email: antibody_sales_de@bio-rad.com

To find a batch/lot specific datasheet for this product, please use our online search tool at: bio-rad-antibodies.com/datasheets
'M353955:190618'

Printed on 25 Mar 2023

© 2023 Bio-Rad Laboratories Inc | [Legal](#) | [Imprint](#)