

## Datasheet: BUF039A

**BATCH NUMBER 161103**

<b>Description:</b>	ELISA NEPTUNE ASSAY DILUENT
<b>Name:</b>	ELISA NEPTUNE ASSAY DILUENT
<b>Format:</b>	Ready To Use
<b>Product Type:</b>	Accessory Reagent
<b>Quantity:</b>	100 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](http://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 appropriate negative/positive controls.

**Product Form** Ready to use - liquid

**Buffer Solution** Phosphate buffered saline

**Preservative Stabilisers** 0.1% Sodium Azide

**Product Information** **ELISA Neptune Assay Diluent** is an ELISA assay diluent designed to reduce background noise in problematic human, porcine and bovine serum or plasma samples. Specially formulated for use in antigen-down ELISA, it contains non-mammalian protein and proprietary detergent additives to reduce non-specific IgG adsorption to antigen coated and blocked ELISA well surfaces.

The difference in complexity, between serum or plasma samples and diluted standard curve proteins, is a potential cause of target analyte under-recovery. BUF039A equalizes the matrix, inhibits complement and thrombin activity and contains an antimicrobial agent.

**Instructions For Use** Pipette buffer directly onto the plate just prior to adding the sample or standard (suggested volume 50 - 100ul/well).

**References**

1. 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: 562-70.](#)
2. Massei, G. *et al.* (2015) Immunocontraception for managing feral cattle in Hong Kong. [PLoS One. 10 \(4\): e0121598.](#)

---

**Storage**

Store at +4°C.

DO NOT FREEZE

---

**Guarantee**

Guaranteed until date of expiry. Please see product label.

---

**Health And Safety Information**Material Safety Datasheet documentation #10377 available at: <https://www.bio-rad-antibodies.com/SDS/BUF039A>  
10377

---

**Regulatory**For research purposes only

---

## Related Products

### Recommended Useful Reagents

[ELISA ULTRABLOCK \(BUF033A\)](#)[ELISA ULTRABLOCK \(BUF033B\)](#)[ELISA ULTRABLOCK \(BUF033C\)](#)[5x ELISA COATING BUFFER \(BUF030A\)](#)[10x ELISA WASH BUFFER \(BUF031A\)](#)[ELISA BSA BLOCK \(BUF032A\)](#)

**North & South America** Tel: +1 800 265 7376  
Fax: +1 919 878 3751  
Email: [antibody\\_sales\\_us@bio-rad.com](mailto: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](mailto: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](mailto: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](https://www.bio-rad-antibodies.com/datasheets)  
'M350297:190307'

**Printed on 25 Mar 2023**