

## Datasheet: BUF037B

**BATCH NUMBER 174100**

|                      |                             |
|----------------------|-----------------------------|
| <b>Description:</b>  | ELISA GENERAL ASSAY DILUENT |
| <b>Name:</b>         | ELISA GENERAL ASSAY DILUENT |
| <b>Format:</b>       | Ready To Use                |
| <b>Product Type:</b> | Accessory Reagent           |
| <b>Quantity:</b>     | 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](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.

|                                 |                                |
|---------------------------------|--------------------------------|
| <b>Product Form</b>             | Ready to use - liquid          |
| <b>Buffer Solution</b>          | Phosphate buffered saline      |
| <b>Preservative Stabilisers</b> | 0.17% ProClin 300<br><10% EDTA |

|                     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
|---------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Intended Use</b> | <p>BUF037B is an ELISA assay diluent designed to reduce background noise and assist in matrix equalization in problematic serum, plasma or cell culture samples. Designed for use in all sandwich ELISA formats, it contains mammalian serum proteins to reduce non-specific interactions between sample proteins and the plate surface.</p> <p>The difference in complexity, between serum or plasma samples and diluted standard curve proteins, is a potential cause of target analyte under-recovery. BUF037B equalizes the matrix, inhibits complement and thrombin activity and contains an antimicrobial agent.</p> |
|---------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

|                             |                                                                                                                           |
|-----------------------------|---------------------------------------------------------------------------------------------------------------------------|
| <b>Instructions For Use</b> | Pipette buffer directly onto the plate, just prior to adding the sample and standard (suggested volume 50 - 100 ul/well). |
|-----------------------------|---------------------------------------------------------------------------------------------------------------------------|

NB. Since this buffer contains proteins derived from goat, BUF037B is not recommended

for ELISA where an anti goat secondary antibody is used.

|                                      |                                                                                                                                                                             |
|--------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Storage</b>                       | This product is shipped at ambient temperature.<br>Store at +4eg;C.<br>DO NOT FREEZE.                                                                                       |
| <b>Guarantee</b>                     | Guaranteed until date of expiry. Please see product label.                                                                                                                  |
| <b>Acknowledgements</b>              | ProClin is a trademark of The Dow Chemical Company (“Dow”) or an affiliated company of Dow.                                                                                 |
| <b>Health And Safety Information</b> | Material Safety Datasheet documentation #10375 available at:<br><a href="https://www.bio-rad-antibodies.com/SDS/BUF037B">https://www.bio-rad-antibodies.com/SDS/BUF037B</a> |
| <b>Regulatory</b>                    | For research purposes only                                                                                                                                                  |

## Related Products

### Recommended Useful Reagents

[5x ELISA COATING BUFFER \(BUF030A\)](#)

[10x ELISA WASH BUFFER \(BUF031A\)](#)

[ELISA BSA BLOCK \(BUF032A\)](#)

**Product inquiries:** [www.bio-rad-antibodies.com/technical-support](http://www.bio-rad-antibodies.com/technical-support)

To find a batch/lot specific datasheet for this product, please use our online search tool at: [bio-rad-antibodies.com/datasheets](http://bio-rad-antibodies.com/datasheets)  
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