

## Datasheet: BUF052A

**BATCH NUMBER 153357**

|                      |                              |
|----------------------|------------------------------|
| <b>Description:</b>  | AbGUARD® HRP STABILIZER PLUS |
| <b>Name:</b>         | HRP-STABILIZING 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 |
|----------------------------|-----|----|----------------|--------------------|
| Immunohistology - Frozen   | ▪   |    |                |                    |
| Immunohistology - Paraffin | ▪   |    |                |                    |
| ELISA                      | ▪   |    |                |                    |
| Western Blotting           | ▪   |    |                |                    |

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

#### Preparation

Weakly white liquid based on a Tris buffer with proprietary stabilizing components. Does not contain azide, mercury, BSA or other bovine material. Does contain weak concentrations of rabbit antibodies.

#### Preservative Stabilisers

<15ppm CMIT/MIT

#### Intended Use

AbGuard® HRP Stabilizer Plus can be used for the direct dilution and long-term stabilization/storage of Horseradish Peroxidase (HRP)-conjugated proteins and antibodies at both low and high protein concentrations.

HRP-conjugated proteins diluted with AbGuard® HRP Stabilizer Plus can be stored at 4°C for a minimum of 30 months, and can withstand temperatures up to 37°C for 2 weeks or more.

AbGuard® HRP Stabilizer Plus stabilizes the HRP enzyme and optimizes the signal-to-noise ratio in most assays. Bio-Rad recommends the use of our TMB range for this purpose.

Please note - this product cannot be used for the dilution of anti-rabbit immunoglobulin antibodies e.g Goat anti-Rabbit Ig etc.

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|                                      |  |
|--------------------------------------|--|
| <b>References</b>                    | 1. Gholami, M. <i>et al.</i> (2015) Selenium effect on ischemia-reperfusion injury of gastrocnemius muscle in adult rats. <a href="#">Biol Trace Elem Res. 164 (2): 205-11.</a><br>2. Gholami, M.R. <i>et al.</i> (2020) Protective effects of honey, <i>Apis mellifera meda.</i> skorikov, on ischemia-reperfusion induced muscle injury. <a href="#">Int J Morphol., 38 (3): 804-10,</a> |
| <b>Storage</b>                       | Store at +4°C. DO NOT FREEZE.<br>This product should be stored undiluted. This product is photosensitive and should be protected from light.   |
| <b>Guarantee</b>                     | Guaranteed until date of expiry. Please see product label.   |
| <b>Health And Safety Information</b> | Material Safety Datasheet documentation #10232 available at: <a href="https://www.bio-rad-antibodies.com/SDS/BUF052A">https://www.bio-rad-antibodies.com/SDS/BUF052A</a><br>10232  |
| <b>Regulatory</b>                    | For research purposes only   |

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## Related Products

### Recommended Useful Reagents

[TMB CORE \(BUF056A\)](#)

[TMB CORE+ \(BUF062A\)](#)

[TMB SIGNAL+ \(BUF054A\)](#)

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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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