

## 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.

<b>Product Form</b>	Ready to use - liquid
<b>Preparation</b>	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.
<b>Preservative Stabilisers</b>	<15ppm CMIT/MIT
<b>Intended Use</b>	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.

References	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> 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>
Storage	Store at +4°C. DO NOT FREEZE. This product should be stored undiluted. This product is photosensitive and should be protected from light.
Guarantee	Guaranteed until date of expiry. Please see product label.
Health And Safety Information	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> 10232
Regulatory	For research purposes only

## 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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