

Datasheet: BUF052C

BATCH NUMBER 168070

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|----------------------|------------------------------|
| Description: | AbGUARD® HRP STABILIZER PLUS |
| Name: | HRP-STABILIZING DILUENT |
| Format: | Ready To Use |
| Product Type: | Accessory Reagent |
| Quantity: | 1000 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 |
|----------------------------|-----|----|----------------|--------------------|
| 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.

References

1. Gholami, M. *et al.* (2015) Selenium effect on ischemia-reperfusion injury of gastrocnemius muscle in adult rats. [Biol Trace Elem Res. 164 \(2\): 205-11.](#)
2. Gholami, M.R. *et al.* (2020) Protective effects of honey, *Apis mellifera meda.* skorikov, on ischemia-reperfusion induced muscle injury. [Int J Morphol., 38 \(3\): 804-10,](#)

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 #10232 available at:
<https://www.bio-rad-antibodies.com/SDS/BUF052C>
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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