



## Datasheet: BUF025A

**BATCH NUMBER 155959**

|                      |   |
|----------------------|---|
| <b>Description:</b>  | ANTIGEN RETRIEVAL BUFFER, pH8.0             |
| <b>Name:</b>         | ANTIGEN RETRIEVAL BUFFER, pH8.0 (UNIVERSAL) |
| <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 |
|----------------------------|-----|----|----------------|--------------------|
| Immunohistology - Paraffin | ▪   |    |                |                    |

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.

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|------------------------|--------------|
| <b>Buffer Solution</b> | Ready to use |
|------------------------|--------------|

|                     |   |
|---------------------|---|
| <b>Intended Use</b> | Bio-Rad's Antigen unmasking fluid is a heat induced, epitope retrieval system. The 'universal' formulation presented at pH8.0 is suitable for use with most antibodies and gives excellent preservation of tissue morphology. Bio-Rad also offers two other versions, an acidic and basic form, which may be of value for use with antibodies that do not work well with this reagent. These buffers may dramatically increase staining intensity but may also have an effect upon tissue morphology. |
|---------------------|---|

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|-----------------------------|---|
| <b>Instructions For Use</b> | <ol style="list-style-type: none"><li>1. Deparaffinize sections and re-hydrate</li><li>2. Pre-heat retrieval buffer to 92°C *.</li><li>3. Place slides in buffer and incubate 10 minutes at 92°C *.</li><li>4. Allow to cool for 5-10 minutes.</li><li>5. Rinse in distilled water or PBS, proceed with staining.</li></ol> |
|-----------------------------|---|

\* N.B. Optimal unmasking is a function of time and temperature. Temperature (range 90°C-100°C) and time (5-30 minutes) should be determined by each investigator.

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|                                      |   |
|--------------------------------------|---|
| <b>References</b>                    | 1. Chang, J.F. <i>et al.</i> (2011) A possible rare cause of renal failure in streptococcal infection. <a href="#">Nephrol Dial Transplant. 26 (1): 368-71.</a>                   |
| <b>Storage</b>                       | Store at room temperature. Should this product contain a precipitate we recommend microcentrifugation before use.   |
| <b>Guarantee</b>                     | Guaranteed until date of expiry. Please see product label.  |
| <b>Health And Safety Information</b> | Material Safety Datasheet documentation #10093 available at: <a href="https://www.bio-rad-antibodies.com/SDS/BUF025A">https://www.bio-rad-antibodies.com/SDS/BUF025A</a><br>10093 |
| <b>Regulatory</b>                    | For research purposes only  |

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## Related Products

### Recommended Useful Reagents

[10x ANTIGEN RETRIEVAL BUFFER, pH8.0 \(BUF025B\)](#)

**North & South** Tel: +1 800 265 7376

**America** 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)  
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