

# BIOMOUNT AQUA

**IVD** *In vitro* diagnostic medical device



**Aqueous covering medium for microscope sections and mounting medium for cover glasses**

## INSTRUCTIONS FOR USE

**REF** Product code: BMA-30 (30 mL)

BMA-100 (100 mL)

BMA-250 (250 mL)

BMA-500 (500 mL)

### Introduction

BioGnost's BioMount Aqua is a synthetic medium for covering microscope sections and mounting cover glasses. It provides the expected section transparency by using refractive index similar to refractive index of cover glasses and glass slides; this way the unwanted light refraction is avoided by providing clear and detailed image of the section. It is used for processing sections tested for enzymes and lipids, i.e. for testing samples that must not be dehydrated through series of ascending alcohol solutions and be cleared using xylene and xylene substitutes. A small amount of BioMount Aqua medium should be applied to the test sample in order to create a fixed permanent preparation (along with the solvent evaporation).

### Product description

- **BIOMOUNT AQUA** - Aqueous covering medium for covering microscope sections and mounting medium for cover glasses, pH 7.0, medium viscosity (200 cSt), and refractive index  $n_D = 1.390-1.410$  at  $+20^\circ\text{C}$ .

### Other products that can be used with BioMount Aqua:

- Glass slides for usage in histopathology and cytology, such as VitroGnost SUPER GRADE or VitroGnost COLOR, or adhesive glass slides, such as VitroGnost PLUS ULTRA, VitroGnost SIL or VitroGnost PLL.
- VitroGnost cover glass, dimensions range from 18x18 mm to 24x60 mm

### Product use

After staining and rinsing, dry the section in the appropriate manner. Using a dropper, add 1 drop of BioMount Aqua on a fixed glass slide. Carefully place a clean cover glass in order to avoid air bubbles. Leave the glass slide in a horizontal position until the sample dries. It takes 10 minutes for BioMount Aqua to dry and harden.

### Note

For satisfying results, i.e. optimal optical properties and transparency of preparations it is very important to use clean cover and slide glasses.

### Preparing the sample and diagnostics

Use only appropriate instruments for collecting and preparing the samples. Process the samples with modern technology and mark them clearly. Follow the manufacturer's instructions for handling. In order to avoid mistakes, the staining procedure and diagnostics should only be conducted by authorized and qualified personnel. Use only microscope according to standards of the medical diagnostic laboratory. In order to avoid an erroneous result, a positive and negative check is advised before application.

### Safety at work and environmental protection

Handle the product in accordance with safety at work and environmental protection guidelines. Used solutions and out of date solutions should be disposed of as special waste in accordance with national guidelines. Chemicals used in this procedure could pose danger to human health. Tested tissue specimens are potentially infectious. Necessary safety measures for protecting human health should be taken in accordance with good laboratory practice. Act in accordance with signs and warnings notices printed on the product's label, as well as in BioGnost's material safety data sheet.

### Storing, stability and expiry date

BioMount Aqua should be stored at temperature between 15 and 25°C. Do not keep in cold places, do not freeze and avoid exposing to direct sunlight. Date of manufacture and expiry date are printed on the product's label.

### References

1. Carson, F. L., Hladik, C. (2009): *Histotechnology: A Self-Instructional Text*, 3<sup>rd</sup> ed., Chicago: ASCP Press
2. Cook, D. J. (2006): *Cellular Pathology*, 2<sup>nd</sup> ed., Banbury: Scion Publishing Ltd.
3. Ono, M., Murakami, T., Kudo, A., Isshiki, M., Sawada, H., Segawa, A. (2001): *Quantitative Comparison of Anti-Fading Mounting Media for Confocal Laser Scanning Microscopy*, 4<sup>th</sup> ed., Bloxham: Scion Publishing Ltd.

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	Refer to the supplied documentation		Storage temperature range		Number of tests in package	<b>REF</b>	Product code		European Conformity
	Refer to supplied instructions		Keep away from heat and sunlight		Valid until	<b>LOT</b>	Lot number		Manufacturer
<b>IVD</b>	For <i>in vitro</i> diagnostic use only		Keep in dry place		Caution - fragile				

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