

# BIOMOUNT

CE IVD In vitro diagnostic medical device

Classified acc. to Regulation (EU) 2017/746 - Class A device

## Low viscosity xylene-based covering/mounting agent

### INSTRUCTIONS FOR USE

<b>BASIC UDI number</b>	385889212HPC30706MOUNUA				
<b>EMDN code</b>	W01030706				
<b>REF Catalog number</b>	<b>Volume</b>	<b>UDI-DI number</b>	<b>REF Catalog number</b>	<b>Volume</b>	<b>UDI-DI number</b>
BMT-100	100 mL	03858888829216	BMT-500	500 mL	03858888829230
BMT-250	250 mL	03858888829223	BMT-5L	5000 mL	03858892121429



#### Intended use and test principle

BioMount synthetic covering/mounting media provide expected tissue transparency and sample preservation during the period of several years. BioGnost media's refractive indices are similar to those of glass slide and cover glass. That does not cause the unwanted refraction of light and it provides a clear and detailed image of the section. BioMount is a xylene – based medium compatible with BioGnost's BioClear xylene, a clearing/deparaffinizing agent. BioGnost offers a wide array of covering/mounting media based on the variety of their solvents and viscosity. That makes them ideal for fulfilling needs and priorities of experts during preparing histological and cytological sections. A small amount of BioMount covering/mounting medium should be applied to the test sample in order to create a fixed permanent preparation (along with the solvent evaporation).

#### Product description

- **BIOMOUNT** – Covering/mounting medium for microscopy samples of low viscosity 450-650 cSt and refractive indeks of  $n_D = 1,4920-1,4930$ . Contains xylene and degalan.

#### Additional materials that can be used with BioMount

- Clearing/deparaffinization agent such as BioGnost's BioClear xylene
- VitroGnost slides and cover glass for use in histopathology and cytology

#### BioMount use

The sample must be completely dehydrated before covering/mounting. The test sample should be covered by using a glass rod. One drop of BioMount medium is applied on a horizontal glass slide. The volume applied should be ~0.05 ml. After evenly applying the medium on the sample, a clean glass slide must be positioned without formation of air bubbles. Leave the glass slide in a horizontal position in a thermostat for 30-40 min until the medium dries. When the sample has dried, it is ready for a microscopic analysis.

If the solvent in BioMount medium evaporates and it becomes too viscous for routine work, an expert can dilute it to needed viscosity by using an appropriate BioGnost's BioClear xylene.

#### Note

For satisfying results, i.e. optimal optical properties and transparency of preparations it is very important that the medium used for covering/mounting contains solvent used as the basis for the previously used clearing medium. BioMount, BioMount High, BioMount M, BioMount DPX, BioMount DPX High, BioMount DPX Low, BioMount DPX New, and BioMount C are used if the previously used medium is BioClear xylene. BioMount New and BioMount New Low are used if the previously used medium is BioClear New isoparaffin xylene substitute, as well as BioClear xylene.

#### Limitations

This product is intended for professional laboratory use for diagnostic purposes only. Deviations from the covering/mounting procedure described in this Instruction for use may cause blurring of the slide.

#### Sample preparation and diagnostics

Use only appropriate instruments for collecting and preparing the samples. Process the samples using modern technology and mark them clearly. Be sure to follow the manufacturer's handling instructions. To avoid errors, mounting of the slides, and diagnosis can only be carried out by qualified personnel. Use a microscope equipped according to medical diagnostic laboratory standards.

If a serious incident occurs during use of this product or as a result of its use, please report it to the manufacturer or authorized representative and competent authority.

#### Safety at work and environmental protection

Handle the product in accordance with occupational health and environmental protection guidelines. Used and expired solutions must be disposed of as special waste following national guidelines. Reagents used in this procedure can pose a danger to human health. The examined tissue samples are potentially infectious, and it is necessary to take the measures needed to protect human health in accordance with the guidelines of good laboratory practice. It is mandatory to read and act according to the information and warning signs printed on the product label and in the Safety Data Sheet, which is available on request.

#### Storage, stability, and shelf life

Upon receipt, store the product in a dry place and well-closed original packaging at a temperature of +15 °C to +25 °C. Do not freeze or expose to direct sunlight. After first opening, the product can be used until the specified expiry date, if stored properly. The expiration date is printed on the product label.

## References

1. Carson, F. L., Hladik, C. (2009): Histotechnology: A Self-Instructional Text, 3rd ed., Chicago: ASCP Press
2. Cook, D. J. (2006): Cellular Pathology, 2nd 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, 4th ed., Bloxham: Scion Publishing Ltd.

Warnings and precautions regarding the materials contained in the product:		
	H226 H304 H312+H332 H319 H360Df H373	Flammable liquid and vapor. May be fatal if swallowed and enters airways. Harmful in contact with skin or if inhaled. Causes serious eye irritation. May damage the unborn child. Suspected of damaging fertility. May cause damage to organs through prolonged or repeated exposure.
	P210 P280 P301+P330+P331 P302+P352 P308 + P313	Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Wear protective gloves/protective clothing/eye protection/face protection. IF SWALLOWED: rinse mouth, do NOT induce vomiting. IF ON SKIN: wash with plenty of water. IF exposed or concerned: get medical advice/attention

BMT-IFU\_ENV1, 24.02.2026., IŠP

 Manufacturer	 Batch code	 Consult Instructions for use	 <i>In vitro</i> diagnostic medical device
 Date of manufacture	 Catalogue number	 Caution	 European conformity
 Use-by date	 Temperature limit	 Contains hazardous substances	 Unique device identifier

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Version	Description / reason for change	Date
1	First version of BioMount instructions for use	24.02.2026.