

BIOMOUNT NEW



IVD In vitro diagnostic medical device

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

Universal medium viscosity covering/mounting agent, xylene-substitute based

INSTRUCTIONS FOR USE

BASIC UDI number	385889212HPC30706MOUNUA						
EMDN code	W01030706						
REF	Catalog number	Volume	UDI-DI number	REF	Catalog number	Volume	UDI-DI number
	BMN-30	30 mL	03858892121139		BMN-250	250 mL	0385888822163
	BMN-100	100 mL	0385888821371		BMN-500	500 mL	0385888822309



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 New is a xylene – substitute based medium compatible with BioGnost's BioClear xylene, and BioClear xylene substitute, clearing/deparaffinizing agents. BioGnost has a wide range of BioMount covering media in its sales range 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 NEW** – Universal covering/mounting medium for microscopy samples of medium viscosity 950-1050 cSt and refractive index of $n_D = 1,4385-1,4395$. Contains xylene substitute and degalan.

Additional materials that can be used with BioMount New

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

BioMount New use

The sample must be completely dehydrated before covering/mounting. The test sample should be covered by using a glass stick. One drop of BioMount New 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 New medium evaporates and it becomes too viscous for routine work, an expert can dilute it to needed viscosity by using an appropriate BioGnost's xylene substitute BioClear New.

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 mounting/covering 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:	
	<p>H304 May be fatal if swallowed and enters airways. EUH066 Repeated exposure may cause skin dryness or cracking.</p> <p>P301 + P310 IF SWALLOWED: immediately call POISON CENTER/doctor. P331 Do NOT induce vomiting. P405 Store locked up. P501 Dispose of contents/container according to local regulations.</p>

BMN-IFU_ENV1, 24.02.2026., IŠP

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

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