

BIOMOUNT DPX



IVD *In vitro* diagnostic medical device

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

Medium viscosity xylene - based mounting/covering medium

INSTRUCTIONS FOR USE

BASIC UDI number	385889212HPC30706MOUNUA		
EMDN code	W01030706		
REF	Catalog number	Volume	UDI-DI number
	BM-100	100 mL	03858888821456
	BM-250	250 mL	03858888821463
	BM-500	500 mL	03858888821449



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 slide. BioMount DPX is a xylene – based medium compatible with BioGnost's BioClear xylene, a clearing/deparaffinization agent. 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 slide (along with the solvent evaporation).

Product description

- **BIOMOUNT DPX** – Covering/mounting medium for microscopy samples of medium viscosity 850-950 cSt and refractive indeks of $n_D = 1,5210-1,5230$. Contains xylene, dibutyl phthalate and polystyrene.

Additional materials that can be used with BioMount DPX:

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

BioMount DPX use

The sample must be completely dehydrated before mounting/covering. To cover the sample, it is recommended to place the slide on a level surface and use a glass rod to apply a drop of BioMount DPX (0.05ml). After the medium is evenly spread over the whole sample, carefully apply a clean cover glass to avoid forming air bubbles. Leave the microscope slide in a horizontal position in the thermostat for 30–40 minutes, until the medium dries. The dried sample is ready for microscopic analysis.

If the solvent in BioMount DPX evaporates and the agent becomes too viscous for routine use, an experienced professional can dilute the agent to optimum viscosity using BioGnost's BioClear xylene.

Note

For satisfactory results; optimal optic properties and sample transparency, it is very important to use a covering/mounting medium that contains the solvent that acts as a basis to the previously applied clearing agent. BioMount, BioMount High, BioMount M, BioMount DPX, BioMount DPX High, BioMount DPX Low, BioMount DPX New and BioMount C are to be used if BioClear xylene was used for clearing. BioMount New and BioMount New Low are universal and can be used if BioClear New, isoparaffinic xylene substitute or BioClear xylene was used for clearing.

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 differences in staining results.

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

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 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 DPX instructions for use	16.01.2026.