

# LIQUID BLOCKER (PAP PEN)



IVD *In vitro* diagnostic medical device

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

## Pap pen for drawing water-repellent circles around samples INSTRUCTIONS FOR USE

<b>BASIC UDI-DI</b>	385889212HPC30708STARVF		
<b>EMDN code</b>	W01030708		
<b>REF</b>	<b>Catalog number</b>	<b>Package</b>	<b>UDI-DI</b>
ML-1		1 piece	03858888823283



### Intended use and test principle

The **Liquid Blocker (Pap Pen)** is an innovative and effective pen, with the following characteristics:

- widespread use in immunological staining (PAP and ABC methods) and when using fluorescence antibodies
- temperature resistance up to +120 °C
- allows direct marking on a wet slide without prior wiping or drying
- ensures a more precise and secure adhesion to the slide

### Product description

**LIQUID BLOCKER (PAP PEN)** - Pap pen with hydrophobic liquid forming a water-repellent barrier around samples

### Use

- The Liquid Marker (Pap Pen) allows you to draw a water-repellent circle that avoids the process of wiping the water around the sample when using primary and secondary antibodies. The antibodies are protected by a circle drawn with a Liquid Blocker and thus quality staining is enabled.
- The drawn circle can be removed with xylene. Observation under a microscope is possible because there is no influence of water-soluble mounting media.
- Liquid Blocker can be used in a microwave oven, *in situ* hybridization, etc.

### Note

- Before use, turn the tip of the marker upwards and press it with your finger to release excess air in the tank and thus prevent overflow.
- In case of overflow, wipe the liquid from the top of the marker with a cloth or tissue.
- Press the marker downwards; the liquid must flow into the top of the marker before use.

### Limitations

This product is intended for professional laboratory use for diagnostic purposes only. Deviations from the method of use 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. It is necessary to follow the manufacturer's instructions for use. To avoid errors, staining and diagnosis can only be carried out by qualified personnel. Use a microscope that complies with medical diagnostic laboratory standards. To avoid a false result, it is recommended to use a positive and negative control.

If a serious incident occurs during use 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, therefore it is necessary to implement human health protection measures in accordance with good laboratory practice guidelines. 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, transport, 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 production date and expiration date are printed on the product label.

#### Warnings and precautions regarding the materials contained in the product:



H225	Highly flammable liquid and vapour.
H304	May be fatal if swallowed and enters airways.
H315	Causes skin irritation.
H336	May cause drowsiness or dizziness.
H361d	Suspected of damaging fertility or damaging the unborn child.
H412	Harmful to aquatic life with long lasting effects.
P210	Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
P273	Avoid release to the environment.
P301+P310	IF SWALLOWED: Immediately call a POISON CENTER/doctor.
P303+P361+P353	IF ON SKIN (or hair): immediately take off all contaminated clothing. Rinse the skin with water.
P331	Do NOT induce vomiting.

ML-1\_IFU\_ENV2, 12.01.2026, IŠP

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

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Version	Description / reason for change	Date
2	QR code added, revised table "Warnings and precautions regarding the materials contained in the product"	12/01/2026

