

Formaldehyde Dilution Buffer Set

REF PT-0006-100

7 (500 ml)

For use in *in situ* hybridization procedures

CE

IVD

In vitro diagnostic medical device

according to EU directive 98/79/EC



1. Scope of Application

This product is designed for *in vitro* diagnostic use (according to EU directive 98/79/EC). Interpretation of results must be made within the context of the patient's clinical history with respect to further clinical and pathologic data of patient by a qualified pathologist!

The Formaldehyde Dilution Buffer Set is designed to be used for preparation of buffered 1% formaldehyde solution in *in situ* hybridization (ISH) protocols of ZytoVision.

2. Safety Precautions and Disposal

- ✓ Read the operating instructions prior to use!
- ✓ Do not use the reagents after the expiry date has been reached!
- ✓ Avoid any cross-contamination and micro-bacterial contamination of the reagents!
- ✓ Avoid any direct contact with the reagents. Take appropriate protective measures (use disposable gloves, protective glasses, and lab garments)!
- ✓ If reagents come into contact with skin, rinse skin immediately with copious quantities of water!
- ✓ Never pipet solutions with your mouth!
- ✓ The disposal of reagents must be carried out in accordance with local regulations!
- ✓ A material safety data sheet is available on request for the professional user!

3. The Formaldehyde Dilution Buffer Set

The following components are included:

Code	Component	Quantity	Container
PT4	<u>10x MgCl₂</u>	50 ml	Screw-cap bottle
PT5	<u>10x PBS</u>	50 ml	Screw-cap bottle
	Instruction manual	1	

Components **(PT4)** and **(PT5)** are sufficient for 7 staining jars of 70 ml each.

4. Storage and Shelf Life

The components must be stored at 2...8°C. If these storage conditions are followed, the components will function, without loss of performance, at least until the expiry date printed on the label.

5. Instructions

Components **(PT4)** and **(PT5)** are 10x concentrated and need to be diluted before use.

Preparation of 1% Formaldehyde solution: For 100 ml 1% Formaldehyde solution mix either 2.7 ml of 37% neutrally buffered formaldehyde or 10 ml of 10% neutrally buffered formaldehyde with 10 ml of 10x MgCl₂ **(PT4)** and 10 ml of 10x PBS **(PT5)** and adjust volume to 100 ml with deionized or distilled water. Mix thoroughly.

Our experts are available to answer your questions.

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Trademarks:

ZytoVision® is a trademark of ZytoVision GmbH.



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