

ZytoDot
AP-Red Solution Set

REF C-3038-100

▽ 100 (10.6 ml)

For use in chromogenic *in situ* hybridization (CISH)
procedures

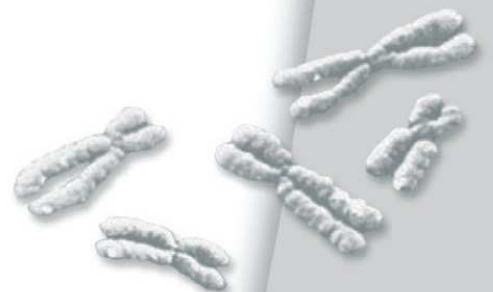
研究用です。診断用には
使用できません

In vitro diagnostic medical device

according to EU directive 98/79/EC



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COSMO BIO CO., LTD.



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 AP-Red Solution Set is designed to be used as a substrate for an AP-conjugated antibody in chromogenic *in situ* hybridization (CISH) applications following the protocols of the chromogenic *in situ* hybridization (CISH) systems 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 AP-Red Solution

The following components are included:

Code	Component	Quantity	Container
SB2a	<u>AP-Red Solution A</u>	0.3 ml	Dropper bottle, red cap (small)
SB2b	<u>AP-Red Solution B</u>	0.3 ml	Dropper bottle, red cap (small)
SB2c	<u>AP-Red Solution C</u>	10 ml	Dropper bottle, red cap
	Instruction manual	1	

Components (**SB2a-c**) are sufficient for 100 reactions.

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

The AP-Red Solution Set is a three component system for detection steps in CISH applications, following the CISH protocols of ZytoVision.

Preparation of AP-Red Solution: Prior to immediate use, mix one drop of AP-Red Solution A (SB2a) and one drop of AP-Red Solution B (SB2b) in a graduated cup and incubate up to 3 min in the dark. Add six drops of AP-Red Solution C (SB2c), fill up to 1 ml with deionized or distilled water and mix well.

Apply AP-Red Solution dropwise (3-4 drops per slide) to the slides and incubate for 10 min at RT in the dark. If required, the incubation time can be shortened or extended (7-15 min)



Use only xylene-based mounting solutions. Apply mounting solution immediately after dehydration series!



Do not exceed incubation times of 30 s per alcohol step (better: rinse carefully)!



Use fresh ethanol and xylene solutions; use only xylene of "pure" quality!

The final experimental results of a CISH experiment are strongly influenced by upstream and downstream experimental steps, i.e. tissue fixation, pretreatment, denaturation of DNA probe, hybridization, and detection. For a particularly user-friendly performance, we recommend the use of a CISH probe by ZytoVision. These probes and the CISH system of ZytoVision were used for the confirmation of appropriateness of the AP-Red Solution Set.

Our experts are available to answer your questions.

As of: January 1, 2010 (4.5)

Trademarks:

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