

# ZytoDot HRP-Green Solution Set

REF C-3039-100

100 (11.2 ml)

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

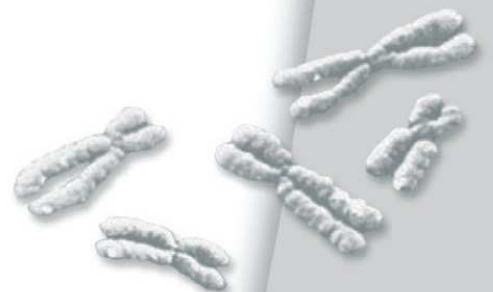
研究用です。診断用には  
使用できません

In vitro diagnostic medical device

according to EU directive 98/79/EC



コスモ・バイオ株式会社  
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 HRP-Green Solution Set is designed to be used as a substrate for a HRP-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 HRP-Green Solution Set

The following components are included:

Code	Component	Quantity	Container
SB3a	<u>HRP-Green Solution A</u>	0.6 ml	Dropper bottle, green cap (small)
SB3b	<u>HRP-Green Solution B</u>	10 ml	Dropper bottle, green cap
SB3c	<u>HRP-Green Solution C</u>	0.6 ml	Dropper bottle, green cap (small)
	Instruction manual	1	

Components (**SB3a-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 HRP-Green Solution Set is a three component system for detection steps in CISH applications, following the CISH protocols of ZytoVision.

*Preparation of HP-Green Solution:* Prior to immediate use, add two drops HRP-Green Solution A (SB3a) in a graduated cup and fill up to 1 ml with HRP-Green Solution B (SB3b). Add two drops of HRP-Green Solution C (SB3c) and mix well.

Apply HRP-Green Solution dropwise (3-4 drops per slide) to the slides and incubate for 3 min at RT in the dark. If required, the incubation time can be shortened or extended (2-5 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 HRP-Green Solution Set.

Our experts are available to answer your questions.

*As of: January 1, 2010 (4.5)*

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