Zyto\textit{Dot}  
\textbf{AP-Red Solution Set}

\textbf{REF} C-3038-100  \textcircled{2} 100 (10.6 ml)

For use in chromogenic \textit{in situ} hybridization (CISH) procedures

\text{研究用です。診断用には使用できません}

\textbf{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 **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:

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

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)

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