

910-3006 Solution 6 - VB-48™•PI**1 ml**

Contents	<p>Solution 6 - VB-48™•PI (1 ml).</p> <p>The solution contains VitaBright-48™ (VB-48™; 400 µg/ml ~ 1.34 mM ~ 0.04%) and propidium iodide (PI; 500 µg/ml ~ 0.75 mM ~ 0.05%) in dimethyl sulfoxide (DMSO). The EINECS no. for PI is 247-081-0. The EINECS no. for DMSO is 200-664-3.</p>
Application	<p>Solution 6 - VB-48™•PI enables detection of changes in cell vitality.</p>
Principle	<p>Solution 6 - VB-48™•PI contains two different dyes: PI stains non-viable cells only, and VB-48™ stains cells in an intensity-dependent manner reflective of their redox state. A high fluorescence intensity of a particular cell indicates that the cell has a high level of reduced thiols. VB-48™ is used to detect mid- to late-stage apoptosis in mammalian cells.</p>
Use	<p>Thaw and mix before use!</p> <p>The solution is for research use only (RUO) and is not for diagnostic or therapeutic uses.</p>
Storage	<p>Store at < 5°C.</p> <p>Protect the solution against moisture and light.</p>
Stability	<p>Unopened microtubes can be stored until the expiry date indicated on the microtube. The solution is produced 15 months prior to the expiry date.</p> <p>We recommend using the solution no later than the expiry date or one (1) month after opening the bottle, whichever comes first.</p>
Safety information	<p>DMSO is an irritating organic compound with long-term effects. DMSO's hazard classification is: Xi.</p> <p>Risk-phrases: R36/37/38 (Irritating to eyes, respiratory system, and skin).</p> <p>Safety-phrases: S26 (In case of contact with eyes, rinse immediately with plenty of water and seek medical advice). S37 (Wear suitable gloves).</p> <p>Please also refer to the safety data sheet (SDS) for safety information.</p>
Disposal	<p>After use, dispose of the bottle following national or local laws and regulations, according to the nature of its contents.</p>