

910-3006 **Solution 6 - VitaBright-48™•Propidium Iodide** 1 mL

Contents	<p>Microtube with 1 mL Solution 6 - VitaBright-48™ (VB-48™)•Propidium Iodide (PI).</p> <p>The solution contains VB-48™ (VB-48) (400 µg/mL ~ 1.34 mM ~ 0.04%) and Propidium Iodide (PI) (500 µg/mL ~ 0.75 mM ~ 0.05%) in DMSO.</p> <p>EINECS no. for PI is 247-081-0</p> <p>EINECS no. for DMSO is 200-664-3</p>
Application	Solution 6 - VB-48™•PI enables the user to detect changes in cell vitality.
Principle	Solution 6 - VB-48™•PI contains two different dyes: PI staining nonviable cells only and VB-48™ which stains cells in an intensity-dependent manner reflecting their redox status. A high fluorescence intensity of a particular cell indicates that the cell has a high level of reduced thiols. VB-48™ is a marker for detection of mid-stage to late apoptosis in mammalian cells.
Usage	<p>Thaw and mix before use!</p> <p>The solution is for research and development purposes only and is not for diagnostic or therapeutic use.</p>
Storage	<p>Store at < 5°C</p> <p>Protect the solution against moisture and light.</p>
Stability	<p>For unopened microtubes, the expiry date is shown on the microtube and on the plastic container. The solution is produced 15 months before the expiry date.</p> <p>The solution expires 1 month after opening the microtube.</p>
Safety Information	<p>Dimethyl Sulfoxide (DMSO) is an irritating organic compound with long term effects. DMSO has the hazard classification: 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 MSDS regarding safety information.</p>
Disposal of Waste	After use, the microtube should be disposed of according to national or local laws and regulations regarding the nature of the mixture it contains.