

910-3017 **Solution 17** – Blood Lysis Buffer 25 mL

Contents	<p>Bottle with 25 mL Solution 17 – Blood Lysis Buffer.</p> <p>The solution contains Acridine Orange (AO) (30 µg/mL ~ 81 µM ~ 0.003 %), 4',6-diamidino-2-phenylindole (DAPI) (10 µg/mL ~ 29 µM ~ 0.001 %), sodium azide (NaN₃) (0.1 mg/mL ~ 1.5 mM ~ 0.01 %) and additional inorganic salts. The pH value is 7.2.</p> <p>EINECS no. for AO is 233-353-6 EINECS no. for DAPI is 249-186-7 EINECS no. for NaN₃ is 247-852-1</p>
Application	<p>Solution 17 – Blood Lysis Buffer can be used to enumerate dead and viable leukocytes in blood samples, such as EDTA-treated whole blood, buffy coats, and bone marrow.</p>
Principle	<p>Solution 17 – Blood Lysis Buffer is designed for preferential lysis of the erythrocytes and simultaneously staining of the leukocytes in blood samples. The solution contains two different dyes: AO staining all nucleated cells and DAPI staining nonviable cells only.</p>
Usage	<p>The solution is for research and development purposes only and is not for diagnostic or therapeutic use.</p>
Storage	<p>Store at 2-7°C.</p>
Stability	<p>For unopened bottles the expiry date is shown on the bottle. The solution is produced 15 months before the expiry date.</p> <p>The solution expires 2 months after opening the bottle.</p>
Safety Information	<p>In case of contact with eyes, rinse immediately with plenty of water and seek medical advice. If a spill is observed perform a clean-up of the area which may have been in contact with the solution. Use gloves and suitable protective clothing.</p> <p>Please also refer to MSDS regarding safety information.</p>
Disposal of Waste	<p>After use, the bottle should be disposed of according to national or local laws and regulations regarding the nature of the mixture it contains.</p>