

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

Contents	<p>Solution 17 – Blood Lysis Buffer (25 ml).</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>The EINECS no. for AO is 233-353-6.</p> <p>The EINECS no. for DAPI is 249-186-7.</p> <p>The EINECS no. for NaN₃ is 247-852-1.</p>
Application	<p>Solution 17 – Blood Lysis Buffer is used to enumerate dead and viable leukocytes in blood samples, including EDTA-treated whole blood, buffy coats, and bone marrow.</p>
Principle	<p>Solution 17 – Blood Lysis Buffer preferentially lyses the erythrocytes, while simultaneously staining the leukocytes in blood samples. The solution contains two different dyes: AO stains all nucleated cells and DAPI stains non-viable cells only.</p>
Use	<p>The solution is for research use only (RUO) and is not for diagnostic or therapeutic uses.</p>
Storage	<p>Store at 2-8°C.</p>
Stability	<p>Unopened bottles can be stored until the expiry date indicated on the bottle. 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 two (2) months after opening the bottle, whichever comes first.</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.</p> <p>Use gloves and suitable protective clothing.</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>