

A method for preserving erythrocytes includes adding a cryopreserving agent, containing 1,2-propandiol, sucrose, sodium chloride and bidistilled water, to packed erythrocytes and freezing with a speed of 12-14°/min up to (-150)-(-170) °C with the following merging into liquid nitrogen. The 1,2-propandiol is taken in a concentration of 45-75%, and the cryopreserving agent is added in a ratio of the packed erythrocytes : cryopreserving agent of 1 : (0.3–0.7) to a final concentration of the 1,2-propandiol in the suspension of 25-29%.