

LYSING BUFFER

Catalogue Number: 858.040.125

The DIACLONE lysing solution is an erythrocyte lysing solution used for the preparation of leukocytes in whole blood for their analysis by flow cytometry.

Each vial contains 3g of lyophilised reagent for 125 tests. Store at 2 to 8°C.

Reagent preparation:

- Reconstitute with 250 ml of distilled water.
- Check and adjust the pH to 7.3.
- After reconstitution, the lysing solution is stable for 12 months

Lysing protocol:

After leukocyte labelling with monoclonal antibodies:

- Add 2 ml of lysing solution to each tube
- Mix by vortexing and incubate for 10 minutes at room temperature in the dark
- Centrifuge (or not*) the cell suspension for 2 minutes at 200 g
- After centrifugation, remove supernatant and dispense 200 µL of saline buffer
- Analyse by flow cytometry within three hours.
- When the samples are not immediately analysed, keep the tubes at 4°C in the dark.

() A no-wash procedure that avoids cell loss.*