

1x FACSLyse Solution

(Greg A. Perry, Ph.D.)

Reagents:

250 mg	Sodium Citrate
2.7 ml	Formaldehyde (37%)
3.0 ml	Diethylene Glycol (DEG)
94.3 ml	Distilled Water

Method:

- 1) Dissolve sodium citrate in distilled water.
- 2) Add formaldehyde and mix.
- 3) Add diethylene glycol. DEG may be difficult to get into solution, so mix well.

To Use:

- 1) Add 2ml of 1x FACSLyse solution to 100µl of whole blood.
- 2) Vortex gently, and incubate 10 minutes at room temperature in the dark.
- 3) Centrifuge and wash twice with PBS.

Notes:

- B/D's FACSLyse reagents contains 37 mg of Tetrasodium EDTA in every 100 ml of its 1x stock, however it does not seem to be required.
- If using in conjunction with staining for flow cytometry, cells should be stained and washed prior to lysing. The lysing step should be done last, just before resuspending cells in FACSFix.