

Apoptosis Protocol – Telford Method

(from Greg Perry (1993), Creighton University)

Equipment:

12 x 75mm test tubes
Centrifuge

Reagents:

Ca⁺⁺ / Mg⁺⁺ Free HBSS with 0.01M EDTA
Cold 80% Ethanol
Telford Staining Reagent

Method:

- 1) Wash 10⁶ cells in 1ml Ca⁺⁺/Mg⁺⁺ free HBSS with 0.01M EDTA.
- 2) Centrifuge 6 min. @ 250g.
- 3) Resuspend cells in cold 80% Ethanol.
- 4) Incubate 15 min. - 2 hours on ice (4°C).
- 5) Centrifuge 6 min. @ 250g.
- 6) Resuspend in 0.5ml Telford staining reagent
- 7) Incubate overnight @ 4°C (in refrigerator).
- 8) Analyze by flow cytometry.