

Tunel Staining:

1. Thaw frozen kit vials
2. Prepare control tubes
 - a. Add 1.0ml positive (brown cap) to an appropriately labeled tube
 - b. Add 1.0ml negative (white cap) to an appropriately labeled tube
3. Add 1.0 ml Wash Buffer (Blue cap) to all samples and vortex to mix
4. Spin all sample tubes to pellet; 1000rpm x 4.5 minutes
5. Remove samples from centrifuge. Dump supernatant.
6. Re-suspend cells with 1.0 ml of Wash Buffer
7. Spin to pellet
8. Prepare DNA Labeling Solution
 - a. Green cap=10.0ul x number of tubes + 2
 - b. Yellow cap=0.75ul x number of tubes + 2
 - c. Violet cap=8.0ul x number of tubes + 2
 - d. D.I. H₂O=32.25ul x number of tubes + 2
 - e. Mix
9. Prepare Antibody Solution
 - a. Orange cap = 5.0ul x number of tubes + 2
 - b. Red cap = 95.0ul x number of tubes + 2
 - c. Mix
 - d. Move to refrigerator (light sensitive)
10. Remove samples from centrifuge. Dump supernatant.
11. Re-suspend cells in 50ul (per tube) of DNA Labeling Solution.
12. Incubate cells for 1 hour at 37C (water bath). Shake rack half way through.
13. Add 1.0ml of Rinse Buffer (red cap) to samples.
14. Spin to pellet.
15. Remove samples from centrifuge. Dump supernatant.
16. Re-suspend cells in 100ul of Antibody Solution.
17. Incubate at room temperature for 30 minutes in complete darkness.
18. Add 250-500ul of PI/RNase A Solution (amber bottle).
19. Incubate at room temperature for 30 minutes in complete darkness.
20. Acquire samples within one hour.

Apoptosis Detection Kit (APO-BRDU)

BD Biosciences

Catalog # 556405

List price \$395.00

CC 15% discount \$335.75