

Staining Protocol

Listed below is the protocol for the use of CnT-ST-100 stain kit to stain fixed cells growing on different cell culture surfaces, e.g. cell culture plastics, membranes in cell culture inserts or chamber slides.

Cells need to be fixed before starting to stain them. As a fixing agent methanol or ethanol can be used.

After finishing the staining procedure, the stained cells can be stored dry at room temperature.

Protocol

1. Aspirate supernatant from the cells.
2. Add 100% MeOH until cells are completely submerged, incubate for 5 min at room temperature.
3. Pour off MeOH (can be re-used for fixation).
4. Add Stain Solution I until cells are completely submerged, incubate for 5 min at room temperature.
5. Aspirate the Stain Solution I.
6. Wash with tap water until water is clear.
7. Aspirate all remaining water.
8. Add Stain Solution II until cells are completely submerged, incubate for 5 min at room temperature.
9. Aspirate the Stain Solution II.
10. Wash with tap water until water is clear.
11. Aspirate all remaining water.
12. Let the stained cells air dry at room temperature.
13. Examine cells macroscopically and with light microscopy.
14. *Note: CnT-ST-100 Stain Solutions can be saved and re-used 4 to 5 times dependent on how completely the MeOH and water are removed in steps 3 & 7.

In case of further questions, please email out scientists directly: scientist@cellntec.com