

Qtracker® Cell Labeling Kit Protocol for Cells in Suspension

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PLEASE READ ENTIRE PROTOCOL BEFORE STARTING.

Any cell type in suspension can be used. Additional information can be obtained from the Qtracker Cell Labeling Kit product page on our website at www.invitrogen.com.

Materials

Cell lines in suspension
Microcentrifuge tube
Qtracker Cell Labeling Kit

Procedure

Labeling Procedure:

1. To prepare 10nM* labeling solution, pre-mix 1 μ L each of Qtracker Reagent A and B in a 1.5 mL microcentrifuge tube. Incubate for 5 minutes at room temperature.
2. Add 0.2 mL of fresh full growth medium to the tube and vortex for 30 seconds.
3. Add 1×10^6 cells to the tube containing the labeling solution.
4. Incubate at 37°C for 45-60 minutes.
5. Wash cells twice with full growth medium.
6. Labeled live cells can be observed under confocal microscopy or flow cytometry with appropriate filters.

* The working concentration is typically with the range of 2nM to 15nM depending on the cell type and application. Prepare dilutions based on the 2 μ M concentration of Qtracker Reagent A.