

FineTest® Red 780(Viability Dye)

Catalogue No.: K121

Size: 100T

Storage:

The kit should be stored at -20°C protected from light and moisture for 6months.

Introductions:

FineTest® Red 780 is an amine reactive dye that irreversibly labels dead cells before cryopreservation, fixation and/or permeation procedures. Unlike 7-AAD and propidium iodide, cells labeled with FineTest® Red 780 can be washed, fixed, permeated and stained with intracellular antigens without reducing the staining intensity of dead cells. Therefore, when studying intracellular targets, compared with living cells in the same sample, membrane-damaged necrotic cells react with more FineTest® Red 780 dye and therefore exhibit greater fluorescence intensity, thereby allowing these cells to be excluded from the analysis. FineTest® Red 780 can be used to label the cells of all species.

FineTest® Red 780 can be excited by the red (633 nm) laser, with an emission peak of 780 nm. A 780/60 bandpass filter can be used, and it is usually detected by the APC-CY7 channel.

The usage amount is 1µL/test.

Application:

Distinguishing between live and dead cells in flow cytometry experiments.

Notes:

1. Store away from light to prevent quenching.
2. This product is for scientific research use by professionals only. It must not be used for clinical diagnosis or treatment, nor for food or medicine purposes. It must not be stored in ordinary residences.
3. For your safety and health, please wear a lab coat and disposable gloves when operating.