

Cell proliferation assay

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Abstract

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Protocol

Step 1.

Cells were harvested and plated at a density of 100 cells per well in a 96-well plate (total volume = 100 μ l).

Step 2.

10 μ l of Cell Counting Kit-8 (Dojindo Molecular Technologies, Inc., Tokyo, Japan) reagent was added to each well for 4 h at 37°C.

Step 3.

The optical density was assessed in an automatic microplate spectrophotometer (Varioskan Flash, Thermo) at the wave length of 450 nm. All experiments were carried out in triplicate independently.