

# Cell Cytotoxicity Assay Kit (Fluorometric)

Catalog # KA4152

Size 1 Kit

## Applications

### Result Data

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CHO-K1 cell number response was measured with Cell Cytotoxicity Assay Kit (Fluorometric). CHO-K1 cells at 0 to 10,000 cells/well/100 uL were seeded overnight in a Costar black wall/clear bottom 96-well plate. The cells were incubated with 20 uL/well of Assay Solution (Component A) for 3 hours at 37°C. The fluorescence intensity was measured at Ex/Em = 540/590 nm with NOVOstar instrument (BMG Labtech). The fluorescence intensity was linear ( $R_2 = 0.998$ ) to the cell number as indicated. The detection limit was 60 cells/well (n=6). The insert shows the enlargement of the lower end of the cell number response.

## Specification

|                            |                                                                                                                                                                                                       |
|----------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Description</b> | Cell Cytotoxicity Assay Kit (Fluorometric) is a non-radioactive and no-wash method assay suitable for high throughput screening of cell proliferation or cytotoxicity against a variety of compounds. |
| <b>Suitable Sample</b>     | Cells                                                                                                                                                                                                 |
| <b>Excitation (Max)</b>    | 540 nm                                                                                                                                                                                                |
| <b>Limit of Detection</b>  | 100 cells                                                                                                                                                                                             |
| <b>Storage Instruction</b> | Store the kit at -20°C and avoid from light.                                                                                                                                                          |

**Note**

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## Applications

- Functional Study