

Fluorescence Cell Viability Assay Kit

Cat. No. Kit-0203 **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Fluorescence Cell Viability Assay Kit is used for quantifying cell proliferation and viability.
Description	The Fluorescence Cell Viability Assay provides by far the most sensitive and easiest means for quantifying cell proliferation and viability. Simply add the single reagent to cell culture, incubate and read the fluorescence intensity. The assay utilizes the redox dye resazurin which is not fluorescent, but upon reduction by viable metabolically active cells, the dye becomes highly fluorescent (Ex = 530-570 nm; Em = 590-620 nm). Therefore, viable metabolically active cells can be easily measured.
Target Species	Mammals
Usage	For research use only (RUO)
Storage	Store the reagent at 4°C, stable for 1 year, protect from light.
Kit Components	VisionBlue Reagent: 5 ml
Detection method	Fluorometric
Compatible Sample Types	Cell
Features & Benefits	1. Simple procedure: Just Add-Incubate-Read. No washing, No solubilization. 2. Highly Sensitive: Detect as few as 100 cells. 3. Large linear assay range: Detect from 100 to

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100000 cells per well.4. Longer Stability: Reagent is stable at 4°C for at least a year.5. Very safe: Non-radioactive, non-toxic, and cells can be further used for other experiments.6. Wide applications: Used in studying a variety of growth stimulations or inhibitions (e.g., by growth factors, cytokine, nutrients, anticancer drugs, apoptosis inducers/inhibitors, toxicity-inducing chemicals, etc.).

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