Cell Counting Kit-F

Fluorometric kit for simple and accurate cell proliferation and cytotoxicity assays. **Advantages:** No radioisotopes, more sensitive than the colorimetric assay, short staining reaction time, no solubilization step, correlates with the [^{3}H]-thymidine incorporation assay.

Citations: 1 View Online »

Ordering Information Order Online »

ALX-850-2450	500 tests

Manuals, SDS & CofA View Online »

Handling & Storage

Handling	Protect from light.
Long Term Storage	-20°C
Shipping	Blue Ice

Regulatory Status

RUO - Research Use Only

Product Details

Alternative Name	CCKi-F
Application	Fluorescence microscopy
Technical Info / Product Notes	**Principle:** The amount of a fluorescent dye, calcein, produced from calcein-AM (3',6'-Di(O-acetyl)-2',7'-bis[N,N-bis-(carboxymethyl)aminomethyl]fluorescein . tetraacetoxymethyl ester) by esterases in cells is directly proportional to the number of viable cells in a culture medium. Since calcein-AM is highly lipophilic due to the acetoxymethyl groups, it can rapidly permeate into the cytoplasma through the cell membrane. The detection range of the number of viable cells by CCKi-F is from <50 to at least 25,000 cells.

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