CREATIVE BIOMART®
Assay Kit

Cell Proliferation Assay Kit (Fluorometric)

Product Information

Cat

Kit-1043

Common Name

Cell

Cat.No. Kit-1043

Description

Cell Proliferation Assay Kit (Fluorometric) provides an easy and quantitative method to measure cell proliferation and cytotoxicity. The assay is based on a nuclear dye that specifically binds to nucleic acid in the cell and generates green fluorescence. The generated fluorescent intensity is directly proportional to the cell number, which can be quantified by measuring fluorescence (Ex/Em = 480/538 nm). This assay kit provides a just add-and-read, non-radioactive, and high-throughput method for cell proliferation and apoptosis. The assay is rapid and more sensitive than MTT, XTT, or MTS-based assays and can detect a wide linear range of 25-60,000 cells.

Applications

Measurement of cell proliferation in response to growth factors, cytokines, mitogens, and nutrients Analysis of cytotoxic and cytostatic compounds such as anticancer drugs, toxic agents, and other pharmaceuticalsAssessment of physiological mediators and antibodies that inhibit cell growth.

Storage

-20°C

Shipping

Gel Pack

Size

1000 assays

Kit Components

Tel: 1-631-559-9269 1-516-512-3133

Email:info@creative-biomart.org

Fax:1-631-938-8127

45-1 Ramsey Road, Shirley, NY 11967, USA

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Assay Kit

Cell Proliferation Assay Kit (Fluorometric)

Cell Lysis Buffer (5X); Nuclear Dye (200X)

Detection method Fluorescence (Ex/Em = 480/538 nm)

Features & Benefits

Convenient (just add-and-read);
Non-radioactive;
High-throughput;
Wide linear range detection: 25-60,000 cells;
Suitable for cell proliferation, and cytotoxicity

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