CREATIVE BIOMART®
Assay Kit

Cell Cycle Fluorometric-Red Assay Kit

Product Information

Cat.No. Kit-0193

Product Overview

This kit is designed to monitor cell cycle progression and proliferation by using our proprietary Nuclear Red CCS1 in fixed cells. The dye passes through a permeabilized membrane and intercalates into cellular DNA. The signal intensity of Nuclear Red CCS1 is directly proportional to DNA content after RNA is degraded by RNase provided in the kit. The percentage of cells in a given sample that are in G0/G1, S and G2/M phases, as well as the cells in the sub-G1 phase prior to apoptosis can be monitored with a flow cytometer at Ex/Em490/620 nm (FL2 channel).

Size

100 tests

Description

Store this product desiccated.

Applications

Flow Cyt, Functional Studies more details

Target Species

Reacts with: Human

Storage

Store at -20°C.

Kit Components

Components: 100 tests; 100X RNase A: 1 x 250µl; Assay Buffer: 1 x 50ml; Nuclear Red CCS1: 1 x 250µl

Compatible Sample Types

Adherent cells, Suspension cells

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