CREATIVE BIOMART®
Assay Kit

Cell Cycle Phase Determination Kit

Product Information

Cat.No. Kit-0194

Product Overview

Cell Cycle Phase Determination Kit is a fluorescence-labeled method for determining cell cycle phase.

Description

The progression of the cell cycle is controlled by a complex interplay of cell cycle regulators that either stimulate or inhibit the cell from entering each stage of the cell cycle. These molecules activate transcription factors which bind to DNA to turn on or off the production of proteins which result in cell division. Dysfunction of any step in this regulatory cascade causes abnormal cell proliferation, which underlies many human pathological conditions, most notably cancer and aging. A crucial area in understanding these conditions is to understand the mechanisms underlying alterations in cell cycle progression.

Usage

For research use only (RUO)

Storage

This kit will perform as specified if stored as directed and used before the expiration date indicated on the outside of the box.Propidium Iodide Reagent 4°CCell-Based Assay Buffer Tablets Room TemperatureRNase A Solution -20°CCell Cycle Phase Determination Fixative Room Temperature

Kit Components

Propidium Iodide Reagent 1 mLCell-Based Assay Buffer Tablets 2 TabletsRNase A Solution 1 mLCell Cycle Phase Determination Fixative 100 mL

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