

FLOW CYTOMETRY

INTRODUCTION

Measurement of cell density and type to determine the cell cycle phase. Flow cytometry enables the physical separation of cells based on size, morphology and specific markers enabling multiple data to be obtained from one experiment.

METHOD

Several stages:

1. Retrieval cell protocol

- Hyaluronidase (bovine testes) is used to digest the hydrosccaffold, the spheroids can then be recuperated.
- Detachin™ Cell Detachment Solution, a gentle enzymatic reaction, enables the spheroids to dissociate into individual cells.

2. The cells should be fixed before following the labelling protocol.

3. Sort the cells by flow cytometry

DYES TESTED

PI: DNA marker

Ki-67: cell proliferation marker

Contact Information

HCS Pharma

hello@biomimesys.com

www.biomimesys.com