

PRODUCT DATA SHEET

JC-10 Mitochondrial Membrane Potential™ Flow Cytometry Detection of Mitochondrial Potential

Description

Mitochondrial Membrane Potential detection kit provides an early indication of the initiation of cellular apoptosis. This process is typically defined as the collapse in the electrochemical gradient across the mitochondrial membrane, as measured by the change in the membrane potential. The insertion and oligomerization of proapoptotic proteins BID, BAK, BAX or BAD create pores which could dissipate the trans-membrane potential and release cytochrome c into the cytoplasm. Cell Technology introduces JC-10 as an alternative to JC-1, where greater solubility in aqueous solutions is required.

Product Specifications

Kit Components:

1. JC-10 Reagent (Part # 4027)
2. 10X Wash Buffer (Part # 3002)
3. Positive Control: FCCP (Part# 7025)

Application:	Flow Cytometry
Shipping:	SHIPPED ON BLUE ICE
Long Term Storage:	Store contents as labeled
Upon Arrival:	Store contents as labeled

Catalog Number/Sizes

Catalog #	Size (tests)
JC10FC	100

Rev.: 06/2014

For Research Use Only