RNAse

Catalog Number	Size
FXP0211R-200	200μl
FXP0211R-400	400μl
FXP0211R-800	800μl

REAGENTS

RNase is used for detecting the different stages of cell cycle.

GENERAL PROTOCOL

1. Induce cell apoptosis using proper method and set a negative control. Harvest cells.
2. Add PBS to wash cells once. Then, centifugate cells at 300g for five minutes.
3. Add PBS to resuspend cell and adjust cell concentration to 1×10^7 /ml.
4. Centifugate cells at 300g for five minutes and discard the suspernatant.
5. Fix cells using 70% ethanol at 4°C for two hours or overnight. Take 4 ml precooled 95% ethanol, add 1 ml cell suspension drop by drop into ethanol on low speed vortex oscillation , mix and fix at 4 ° C for 2 hours or more.
6. Use PBS to wash cells for removing fixing solution. If necessary, filter cell suspension once using sieve with 200 meshes.
7. Preparation of propidium iodide dyeing solution

	1 Sample	6 Samples	12 Samples
Staining buffer	0.4ml	2.4ml	4.8ml
Propidium Iodide (PI)25X	15μl	90μl	180μl
RNase A	4μl	24μl	48μl

8. Add 400 μl propidium iodide dyeing solution to cells suspension and incubate cells at 37 °C

for 30 minutes.

9. Observe at of by flow cytometry. The maximum emission wavelength is 617 nm, and the excitation wavelength is 488 nm or 535nm.

RELATED PRODUCTS

Table 2: Related products

Products name	Catalog number	size
PI Cell Cycle Analysis Kit	FXP021	50T/100T/200T
PI Cell Cycle Analysis Kit (with RNase)	FXP0211	50T/100T/200T
7-AAD Cell Cycle Analysis Kit	FXP031	50T/100T/200T
7-AAD Cell Cycle Analysis Kit (with RNAase)	FXP0311	50T/100T/200T

If you have any questions, please tell us!