

Flow cytometry Lab. Royan Institute for Stem cell Biology and Technology



Phosphatidyl serine Detection Kit

IQ Production (IQP-116F)



Detach cells from culture dish or flask

Wash cells with PBS- (1500rpm, for5 min) at 4°C, discard the supernatant

Add 400 µl calcium buffer (1x) Centrifuge

(1500rpm, for5 min) at 4°C, discard the supernatant

Add 400 µl calcium buffer (1x)

Divided into 4 tubes (each tube contains 1x10⁵ cells / 100 μl calcium Buffer)









Add 1 μl Annexin V-FITC to cell suspension, mix and incubate for 20 min at 4°C in dark

Wash cells with 500 μl calcium buffer (1x) (1500rpm, for5 min) at 4°C, discard the supernatant



Add 2 µl PI (Final concentration 50 µg/ml)

Run on Flow cytometer