

rh Annexin V-APC 细胞凋亡检测试剂盒 (20T)

目录号: ANT004

规格: 20 Tests

储存: 2-8°C

简介: 细胞凋亡是细胞的基本特征之一, 在机体的胚胎发育、组织修复、内环境稳定等方面都起到十分重要的作用。在正常细胞中磷脂酰丝氨酸 (PS) 分布在细胞膜脂质双层的内侧, 而在细胞凋亡早期, 细胞膜中的磷脂酰丝氨酸 (PS) 由脂膜内侧翻向外侧。磷脂酰丝氨酸可与Annexin V, 一种分子量为35~36 kD的Ca²⁺依赖性磷脂结合蛋白以高亲和力相结合。凋亡细胞与其它因素坏死细胞, 虽都可与结合, 但坏死细胞其细胞膜通透, 也可被7AAD, 一种核酸染料染成红色; 而凋亡细胞不会。如将Annexin V标以荧光素 (APC等) 作为荧光探针, 结合7AAD, 利用荧光显微镜或流式细胞仪检测, 就可以将处于不同凋亡时期的细胞区分开来。

组份:

rh Annexin V-APC: 100µl

Binding Buffer (1X): 10ml

7AAD (50 µg/ml): 100µl

应用: Flow Cytometric Analysis

步骤:

1. Wash cells with 1-2 mL Stain Buffer. Centrifuge at 300-400 x g for 5 minutes at room temperature and discard supernatant. Briefly vortex to dissociate the cell pellet.
2. Wash cells again as in step 1.
3. Resuspend cells to a concentration of 1-10 x 10⁶ /mL in Annexin V Binding Buffer (1X).
4. Aliquot 100 uL of cell suspension to an individual tube for staining.
5. Add 5 uL of APC Annexin V conjugate to sample.
6. Add 5 uL of 7-AAD Solution to sample.
7. Gently vortex the cells and incubate at 25 °C (room temperature) in the dark for 15 minutes.
8. Add 400 uL of Annexin V Binding Buffer (1X) to each tube.
9. Analyze by flow cytometry promptly.

相关产品:

ANT001rh Annexin V-FITC细胞凋亡检测试剂盒 (20T)

ANT002rh Annexin V-FITC细胞凋亡检测试剂盒 (50T)

ANT003rh Annexin V-FITC细胞凋亡检测试剂盒 (100T)

ANT005rh Annexin V-APC细胞凋亡检测试剂盒 (50T)

ANT006rh Annexin V-APC细胞凋亡检测试剂盒 (100T)

ANT007rh Annexin V-PE细胞凋亡检测试剂盒 (20T)

ANT008rh Annexin V-PE 细胞凋亡检测试剂盒 (50T)