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Annexin V-iFluor 488/PI Apoptosis Detection Reagent 细胞凋亡检测试剂盒

CM001-DS

CM001-50D

CM001-100D

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Specialize In Cytokines

CONTENT

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Product Datasheet

Annexin V-iFluor 488/PI Apoptosis Detection Reagent 细胞凋亡检测试剂盒

产品编号	CM001-DS	CM001-50D	CM001-100D
规格	15 rxn	50 rxn	100 rxn

产品简介

背景描述	Annexin V 是一种钙离子依赖性磷脂结合蛋白，与磷脂酰丝氨酸 PS有高度亲和力，可通过细胞外侧暴露的 PS 与凋亡早期细胞胞膜结合，将 Annexin V 标记荧光染料 iFluor488(Ex:488nm，Em:514nm)，利用流式细胞仪或荧光显微镜可检测细胞凋亡。PI 是一种细胞核染料，搭配 Annexin V 使用可将处于不同凋亡时期的细胞区分开。
产品形式	液体
产品应用	Apoptosis Assays

产品使用

试剂盒组分	CM001-50D	CM001-100D
Annexin V-iFluor 488	1×0.25 mL	1×0.5 mL
PI Solution	1×0.25 mL	1×0.5 mL
10×Binding Buffer	2×2 mL	3×2 mL

本试剂盒可应用于培养细胞凋亡检测（不推荐用于检测组织样本）。

流式细胞实验操作步骤：

1. 悬浮细胞离心（2000 rpm离心5分钟）收集；贴壁细胞用不含 EDTA 的胰酶消化收集。
2. 用PBS洗涤细胞两次（2000 rpm离心5分钟）收集1-5×10^6细胞。
3. 用去离子水按照1 : 9稀释Binding Buffer（1 ml 10×Binding Buffer+9 ml 去离子水）。
4. 加入500 μL 1×Binding Buffer重悬细胞。
5. 加入5 μL AnnexinV-iFluor488混匀后加入5 μL PI混匀，室温避光反应15-20分钟。
6. 孵育后将样本置于冰上，准备进行流式检测。

产品储存/运输

储存	4℃避光，有效期一年
运输	蓝冰

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